***Cover letter***

Dear Sir/Madam,

I hereby express my interest in working with you under your careful supervision in obtaining the job in your company. I would appreciate your consideration of my credential as outlined below and within the attached resume. I’m Aneeq Owner of FAY CONSULTANTS. It is my firm to work for climate action, chemical plant design, chemical process design, wastewater treatment, and quality education. In addition, FAY CONSULTANTS also holds portfolio for Bio-Energy, Thermal-Energy, and power plant designing. I do chemical process design for chemical industries. My core job is to provide focused consultancy with full engineering capacity on various renewable projects. It is worth-noting that I pitched my idea before the following entities;

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Project Call Name** | **Designation** | **Partner Organization** | **Grant Volume** | **Year** |
| Mitigation Action Facility | Consultant | Pak Mission SocietyDiakonie Katastrophenhlife, Islamabad | 25 million Euros | February, 2024 |
| Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal (H2020-LC-GD-2020) EU Commission | Consultant | Pak Mission SocietyACTED FranceACTED PakistanNUST AcademiaUS Pakistan Center for Advanced Studies in EnergyEU Commission  | 6 million Euros | January, 2021 |

In 2021, I won following projects from Pak Mission Society

|  |  |  |  |
| --- | --- | --- | --- |
| **Project** | **Designation**  | **Status** | **Year** |
| Designing and development of a bio-sand filter to clean drinking water low-income households living in Sanghar district and beyond  | Consultant | Successfully completed  | 2021 |
| Improved cooking stove in Sindh Province, Khipro City | Consultant | Successfully completed  | 2021 |
| GHG emission auditing project name “SAAF MAHOL” for a composting project in Islamabad  | Consultant | Successfully completed  | 2021 |

I worked in Philippines PMR Renewable Ltd Co., as a Technical Consultant for various renewable projects during October, 2018 and August, 2020. Followings are my professional achievements for my stay in Philippines.

|  |  |  |  |
| --- | --- | --- | --- |
| **Project** | **Designation** | **Status** | **Year** |
| Prototype biogas plant for banana waste  | Consultant | Successfully Completed | 2018-2020 |
| GNPK concrete carbonation prototype  | Consultant | Successfully Completed | 2020 |
| Torrefaction Chemical Process Design  | Consultant | Preliminary Design | 2019 |
| 50 Tons banana waste biogas plant  | Consultant | Detailed Design | 2018-2020 |

I was shift engineer in distillery plant in Pakistan, *Premiere Industrial chemicals PVT LTD*. This plant was imported from China designed by *JINAN KEYU ZHANYE TEHCNOLOGY & EQUIPMENT CO. LTD*. I got expertise in Chemicals manufacturing and Industry including involvement in plant operations, startup/shutdown, and process optimization, implementations of production plans, energy conservation and attacking waste. I also took part in the erection and commissioning of a distillation column for distillery plant. I worked on this plant for one and half years; later I was promoted to the CO2 plant designed by *BOSCO INDIA Co. LTD* as Plant Engineer in the same company. On CO2 plant, I took part in the erection and commissioning of four stage P.D compressor designed by Kirloskar Co. India.

|  |
| --- |
| Premiere Industrial Chemical MFG PVT LTD |
| **Name of the plant** | **Designation** | **Job** | **Year** |
| Fermentation | Trainee Engineer | Molasses fermentation | 2015 |
| Ethanol Plant  | Trainee Engineer | Distillation column | 2015 |
| CO2 Plant | Plant In-charge | NH3 Chiller | 2016 |
| CO2 Plant | Plant In-charge | 4-Stage PD Compressor erection and commissioning | 2016 |

My first job was in a textile industry SADAQAT LIMITED as trainee engineer in utility department; where I took part in the erection and commissioning of oil heater.

|  |
| --- |
| SADAQAT LIMITED  |
| **Name of the plant** | **Designation** | **Job** | **Year** |
| Oil Heater  | Trainee Engineer | Erection and Commissioning | 2014 |
| Wastewater Treatment Plant | Trainee Engineer | Operations | 2014 |

My further qualifications include a bachelor’s degree in Chemical Engineering from NFC Institute Engineering & Fertilizer Research; Faisalabad 38000 affiliated with University of Engineering Technology, Lahore and a Master Degree in Thermal Engineering (Mechanical) from North China Electric Power University, Beijing 102206, China.

I would love the opportunity to discuss how I can contribute to your team. Thank you in advance for your consideration, and I look forward to hearing from you.

Sincerely,

Aneeq

aniqgill@outlook.com

+92-336-7250994

Facebook URL: <https://www.facebook.com/aniqgill28/>

Instagram URL: <https://www.instagram.com/aniqgill28/>

LinkedIn URL: <https://www.linkedin.com/in/aneeq-o-344893138/>

*Current Affiliation in Pakistan*

*Education: Auckland University of Technology, New Zealand, Master Degree, Master of Engineering, 2025-2026, Offer letter*

*Employment Status: Self-Employed, I am running my own company on Engineering Consultancy*

|  |  |
| --- | --- |
| logo Fay Consultants.png | FAY ConsultantsDesignation: Owner Location: Faisalabad (LYP), Punjab PakistanRegistration: Federal Board of Revenue, PakistanWebsite URL;https://aniqgill.wixsite.com/fay-consulantsFacebook URL;https://www.facebook.com/profile.php?id=61561580129723LinkedIn URL;https://www.linkedin.com/showcase/103663831/admin/feed/posts/ |
| logo Fay Consultants Earth News.png | FAY Consultants Earth News Affiliation: FAY ConsultantsOwner: AneeqWebsite URL; https://aniqgill.wixsite.com/fayconsul-earth-newsFacebook URL;https://www.facebook.com/profile.php?id=61561651611203LinkedIn URL’https://www.linkedin.com/showcase/103663831/admin/feed/posts/ |

***CURRICULUM VITAE***

***NAME: ANEEQ; Age: 35, Legal Status: Judicial Separation***

***Profession: Consultant, Owner FAY Consultants***

*ADDRESS: House 995, Street 2, Warispura Street 2, People Colony 2, Faisalabad, Punjab, Pakistan. MOBILE: +923367250994*

*Email:aniqgill@outlook.com, gillaniq@yahoo.com*

***LinkedIn Profile:* https://www.linkedin.com/in/aneeq-o-344893138/**

***Objective***

I’m young, confident, industrious and reliable person. I see myself as one of the best candidates for the required job. Followings are my credentials….

***Academic Qualification***

*Master of Engineering (Offer Letter) (Session 2025-2026)*

* **University:** Auckland University of Technology, New Zealand
* **Scholarship:** Subject to open in Feb, 2025
* **City:** Auckland
* **Country:** New Zealand

*Master in Thermal Engineering (Mechanical) (Session 2016-2019)*

* **University:** North China Electric Power University
* **Scholarship:** Chinese Government Scholarship
* **City:** Beijing
* **Country:** China

*Bachelor of Science in B.Sc. Chemical Engineering (Session 2008-2012)*

* **Federal Institute:** NFC Institute of Engineering & Fertilizer Research
* **Affiliated University:** UET, Lahore
* **City:** Faisalabad
* **Country:** Pakistan

***Intl License***

* Philippines Driving License
	+ **Location:** Balanga, Bataan, Philippines
	+ **Expiry Date:** 24/06/2024

***Intl Language Tests***

* Intl English Language Test August-19-2023
	+ **Test Center:** Serena Hotel, Faisalabad
		- Listening 5.5, Reading 5.5, Writing 5 and Speaking 7
		- **Overall Band:** 6.0
		- **Test Report Form Number:** 23PK015706UA011A
* Chinese Language Test HSK
	+ Level I October-15-2023
		- **Test Center:** Confucius Institute CI-UAF
		- **Overall Score:** 186/200
		- **Admission Ticket Number:** H12309906030010001
	+ Level II November-18-2023
		- **Test Center:** Confucius Institute CI-UAF
		- **Overall Score:** 137/200
		- **Admission Ticket Number:** H22311036451

***ISO Certification***

* ISO 14001:2015 Lead Auditor, Environmental Management System, 2021
* ISO Quality Management System, Internal Auditor Training Course, 2018
* Institution of Occupational Safety and Health, IOSH 2016

***Professional Qualification***

* Course: Flow of fluid through pipe, fittings, and valves (Online at Hardhat Engineer) 2020.
* Course Bundle: How to be an expert in piping components, valves, reading PFD, and P&ID (Online at Hardhat Engineer) 2019-2020.
* Global Energy and Climate Policy (Online at Coursera) 2019.
* Open Source Leadership (Online at Open Purpose) 2019.

***Awards & Achievements***

* **Not Attended due to Covid-19:** Fully funded Intl Summer School by Youth Time Intl Movement, Iceland, 10-15, August, 2020.
* **ONLINE:** Fully funded Fellow at Young Sustainable Impact, Singapore, Southeast Asia (YSI SEA), 2020. https://www.linkedin.com/company/ysi---young-sustainable-impact/
* **Not Attended Due to Finance:** CBEY Yale Center for Business & Environment, Certificate in Financing and Deploying Clean Energy - Your Application Has Been Accepted - Please complete Next Steps Before April 22, 2020
* **VISITED:** Fully funded International Student Energy Summit organized by Imperial College London SES in July, 2019. https://studentenergy.org/ses/
* **ATTAINED:** Fully funded scholarship from Chinese Scholarship Council (CSC) for Master Degree at NCEPU in China during 2016-2019.
* **ACCEPTED:** Excellent Study Award from North China Electric Power University for 2017-2018.
* **VISITED INDONESIA:** Partially Funded International Cultural Program (ICP) from Hasanuddin University, Indonesia in August, 2018. https://www.unhas.ac.id/
* **WENT BUT LEFT IN THE LATER:** Fully Funded Scholarship from Universiti Technologi Petronas, Malaysia, 2014 due to my mother death.
* **ATTAINED FOR 4 YEARS:** Monthly allowance from SUI Gas PVT LTD, Pakistan to shoulder BSc. Chemical Engineering from 2008-2012.

***Conferences & Presentations***

* 3rd International Symposium on Fluids and Thermal Engineering, Nottingham University, Ningbo, China 17th-19th December, 2017.
* The 1st International Conference on Supercritical CO2 Technology, North China Electric Power University, China, 29th June to 1st July 2018.

***Research& Publications***

* + - * Aneeq, “Bio-Sand NADI Filter in Pakistan: A Sustainable Way of Purifying Microbial Contaminated lake Water into Clean Drinking Water,” *Environmental Science: An Indian Journal, Vol 19 Iss 1, October, 24, 2023.* DOI: 10.37532/0974-7451.2023.19(1).265.
			* Aneeq, Faisal Mahmood., “Pakistan Indoor Air Pollution: Investigation of Thermal Properties of Cooking Stove,” *Heritage and Sustainable Development, Vol. 4, No. 1, January 2022, pp.1-8. https://doi.org/10.37868/hsd.v4il.73.*
			* Aneeq., Iqbal, T., Ali Z., Shah, SJA., Abbas, A., Afzal A., Cheema, MJM, “Predicting biogas production using kinetic model for mesophilic and thermophilic temperature: a theoretical approach,” *Asian Journal of Agriculture and Biology, 2020. https://doi.org/10.35495/ajab.2020.03.196.*
			* Aneeq, Fu Z.G, Hasan Izhar Khan,“A comprehensive study on integration technique of air separation unit and gas turbine for IGCC power plant,“*Intl Journalof Engineering Research& Technology (IJERT) Volume 08, Issue 06, June 2019.http://dx.doi.org/10.17577/IJERTV8IS060717.*
* Sadiq M. Alfakih, Tian De, Syed Jawad Ali Shah, Aneeq, Khuran Hayat*, “*Simulation model of single structure tower hybrid wind and tidal energy cultivation based on Yemen’s south west coast,” *E3S Web of Conference, ICSREE, 2019.https://doi.org/10.1051/e3sconf/201910701007.*
* Aneeq, Fu Z.G, Tahir Iqbal, Syed Jawad Ali Shah, Hasan Izhar Khan,“Study on gas turbine performance by nitrogen injection for IGCC power plant, *2nd INTL CON. on Computing, Mathematics& Engineering TechnologiesiCoMET 2019.https://doi.org/10.1109/ICOMET.2019.8673452.*

***Computer Skills***

* MS Visio 2019
* MS Windows, MS Office, MS Excel
* EBSILON Professional
* Aspen Plus & Aspen Hyses

***Work Experience***

Pak Mission Society, 2024

* *Consultant on Energy/power*

Pak Mission Society is based in Islamabad and has been working on various sectors in Pakistan. I was hired to pitch my idea on waste-to-energy on Intl call and information is as follow;

Host Organization Pak Mission Society & Diokonie Katastrophenhilfe, ISB

Intl Proposal Call by Mitigation Action Facility

Grant 25 million Euros

Idea Pitched For For free

Consultancy fee 4 Million Euros

Hiring As Consultant/Full Time

Location Islamabad, Pakistan

Period February: 26-29, 2024

Website https://pakmissionsociety.org/

Job description

* Project I (Approval Stages)
	+ Intl Call Name: Mitigation Action Facility
		- Pak Mission Society
		- Diokonie Katastrophenhilfe, Islamabad
		- Grant 25 million Euros
		- Project is under approval stages
		- Scientific name of my idea: Integration of biogas plant with concentrated solar power plant containing molten salt as a process fluid and hybrid PV/SS/MD

Pak Mission Society, 2021

* *Consultant on Climate Action*

Pak Mission Society is a non-government organization working on various civic, climate and religious issues in Pakistan. My job was to provide consultancy on climate action projects

Host Organization Pak Mission Society

Proposal Call EU Commission

Grant Size 6 million Euros

Hiring As Consultant/Full Time

Location Islamabad, Pakistan

Period December, 2020 – September, 2021

Website https://pakmissionsociety.org/

Job description

* Project I (Approval Stages)
	+ Topic ID: LC-GD-2-1-2020: “Building a low-carbon, climate resilient future: Research and innovation in support of the European Green Deal (Call ID: H2020-LC-GD-2020)”
		- Consortium
			* ACTED France
			* US Pakistan Center for Advanced Studies in Energy
			* ACTED Pak
			* Pak Mission Society
			* NUST-Academia
		- Grant 6 million Euros
		- Project is under approval stages
		- Detailed Engineering Design of 50 tons/day biogas plant integrated with Concentrated Solar Power Plant
		- Process design for Biogas Plant
* Project II (Successfully Completed)
	+ NADI Filter
		- Construction manual for NADI filter
		- User Manual for NADI filter
		- Water quality test for NADI filter
		- Research publication on the improved water purification filter
			* Aneeq, “Bio-Sand NADI Filter in Pakistan: A Sustainable Way of Purifying Microbial Contaminated lake Water into Clean Drinking Water,” *Environmental Science: An Indian Journal, Vol 19 Iss 1, October, 24, 2023.* DOI: 10.37532/0974-7451.2023.19(1).265
* Project III (Successfully Completed)
	+ Smokeless Stoves
		- Next level designing of the system
		- Improved cooking stoves
			* Aneeq, “Pakistan Indoor Air Pollution: Investigation of Thermal Properties of Cooking Stove,” *Heritage and Sustainable Development, Vol. 4, No. 1, January 2022, pp.1-8. https://doi.org/10.37868/hsd.v4il.73*
* Project IV (Successfully Completed)
	+ Greenhouse gas emission auditing
		- GHG emission auditing for composting project considering only SCOPE 1 emissions i.e direct CO2 emission from the household waste.
		- Waste collection from 2,000 households in Islamabad

PMR Renewable Ltd Co.,

* *Technical Consultant for Renewable Technologies*

Company PMR Renewable Ltd Co.,

Designation Consultant/Full Time

Location Philippine

Period October, 2018 - August, 2020

Website Not Available

Job description

PMR Renewable Ltd Co., aims to introduce: the environment friendly solutions to lower the emission of greenhouse gases across the Philippine, and effective utilization of bio-waste to harness energy. I performed my duties as design/project engineer to develop, and analyze the feasibility for installing the biogas plant for banana waste. I was working on three different projects, with the following description

* Project I (Detailed Engineering Design)
	+ Biogas plant for 50 tons per day of banana waste.
		- Literature review for biogas plant including all unit operation, and unit process
		- Process design for biogas plant.
		- Process flow diagram and P&ID diagram for biogas plant using Microsoft Visio.
		- Theoretical study on methane gas potential using six different types of kinetic model.
		- Technical report developed on organic digestate after the anaerobic digestion.
		- Designing of following process equipment’s
			* Water storage tank, water seal, knock out drum
* Project II (Successfully Completed)
	+ Prototype Biogas plant
		- Designing of pilot scale biogas plant.
		- Designing of mixer.
		- Process & Instrumentation diagram.
		- Mid October - December: Experiment conducted to generate biogas from Banana Waste.
* Project III (Successfully Completed)
	+ Prototype CO2 Concrete Carbonation
		- Prototype Concrete Carbonation Project or GNPK Carbon Curing
		- Waste Heat Boiler being used as a CO2 curing chamber.
		- Concrete hallow blocks placed inside the waste heat boiler to absorb CO2 from flue gas.
		- Water circulation in tube side of the boiler to lower down the temperature of flue gas.

Premier Industrial Chemical MFG PVT LTD

* *Ethanol Plant (Distillery Unit) & CO2 Plant*

Company Premiere Industrial Chemical PVT LTD

Designation Process Engineer/Full Time

Location Sheikhupura, Pakistan

Period February, 2015 to April, 2016

Website http://premiergroup.pk/

Job Description

I had worked in petrochemical industry specifically on ethanol plant. Mainly ethanol plant consists of two sections fermentation section and distillation section. Premier industrial Chemicals is the largest distillery of Pakistan which manufactures ethyl alcoholfrom molasses as raw material. The plant produces super fine grade 135 MT per day of 96.2 %, industrial grade 135 MT per day of 96.2 %, fuel grade ethanol plant capable of converting 140 MT of super fine or industrial grade ethanol from 96.2 % to 99.9 % strength and B grade ethanol 10 MT per day of 93 % strength. My job description involves the following duties

* To Lead Plant production, shift team to achieve sales volume and quality targets.
* Implement HSE policies, standards and procedures to ensure integrity of People, Environment, Assets and Reputation of the Company.
* Work in close liaison with Maintenance team to resolve plant problems, condition monitoring using TPM techniques to improve plant availability and reliability.
* Prepare, review and revise Operating work instruction and Procedures in line with standards and guidelines for safe and smooth plant operations.
* Monitoring the production processes and adjusting schedules as needed.
* Recording all the activities related to plant operations and operators in a Log Book daily checked by plant manager.
* To trouble shoot any problem occur on distillation and fermentation section
* Controlling and monitoring of unit parameters on DCS System (centum CS 3000).
* CIP of chemical equipment’s like condensers, heat exchanger and scrubbers during monthly shutdown
* Reviewing the risk assessment and safety program for each confined space operations.
* To take the startup of ethanol plant by taking services from the utility department, boiler section and compressor

Sadaqat PVT Ltd

* *Trainee Engineer*

Company Sadaqat Limited

Designation Trainee Engineer/Full Time

Location Khurrianwala, Pakistan

Period June, 2014 to December 2014

Website https://sadaqatgroup.com/

Job Description

I got expertise in the utility department as a trainee engineer about one year. I took part in the erection and commissioning of oil heater and steam boiler. I got the skills in the following technologies….

* Waste water treatment plant from the textile unit
	+ Water LAB for testing BOD, COD and other parameters of waste water from the textile unit
	+ Laboratory analysis of water
* Erection of oil heater and its operation
* Operation of compressors
* *Internship*

Three-month internship in the Northern Power Generation Company, FESCO, my expertise was in the following technologies

* Water treatment
* Cooling tower
* Steam turbine
* Boiler

***Travel Experience***

UK, China, Malaysia, Indonesia and Philippine

***Interest***

Reading, travelling, using computer and sports….

***Reference***

Excellent References are available when required….