

Summary (Total Experience: 5 Years)

Experience in Design & Detail Engineering for Greenfield and Brownfield, Coverage studies, Telecom and Electrical Drawings.

Experience In Detail & Design Engineering

Preparation & Participation in the following deliverables & activities.

1. Design Documents

Preparation of documents such as Bill of Materials, Functional Design Specification, FATP, Block Diagram, Wiring diagram, termination, DMD, GA, Layout drawings etc. Ensure the complete detailed design of PAGA, CCTV, LAN and FO System.

2. Coverage Studies

Full-on involvement in engineering towards coverage studies for Detail Engineering and FEED activities. Preparation of Telecom Deliverables, including detailed coverage analysis for CCTV, PAGA, Siren, PICS, and WiFi systems in both greenfield and brownfield projects. Coverage simulations and assessments are conducted using specialized software tools, including JVSG for CCTV, CadnaA for PAGA, Siren, and PICS, and Acrylic Suite and ATDI for WiFi. Deliverables include system coverage maps, heatmaps, signal strength analysis, placement recommendations, and compliance with project requirements and industry standards.

3. Design Drawings

Preparation of Dimensional Mounting Drawing/Installation Drawing of Cabinet/Rack, Single Line Diagrams, System Block diagrams. Schematic diagrams, Termination diagrams, Internal wiring diagrams etc. for different Telecom systems such as PAGA, CCTV, LAN/SCS, GMDSS, RADIO (UHF, VHF) Weather monitoring system, Telephone/ PABX system etc.

As a Telecom- junior Engineer in Teksol Engineering (Exctel Engineering Pte Ltd), Kochi, (September 2022 to till the date)

Project Handled in Detailed & Design Engineering

Project: Manyar Smelter Project – PTFI Indonesia – Indonesia
Zulf AH Increment Program Offshore Oil Facilities – Saudi Aramco – Saudi Arabia
Remote Data Gathering and Monitoring System – Shell – Nigeria
CRPO 125, 126 and 135 – Saudi Aramco – Saudi Arabia
SEC – Ghazlan and Qurayyah – Saudi Arabia
NFPS Offshore Compression Complexes – Qatar Energy – Qatar

Project Handled in Coverage Studies

BorWin5 Project – Dragados Offshore – Germany North Sea
Amiral Pre-Feed / Feed Project – Saudi Aramco and Total Baltic Sea – Saudi Arabia
2GW – Amprion and Tennet – Germany
CRPO 125, 126 and 135 – Saudi Aramco – Saudi Arabia
SEC – Ghazlan and Qurayyah – Saudi Arabia
Haliba Phase-II - Al Dhafra Petroleum Operations Company Ltd. – Adnoc – Abu Dhabi
Jafurah Gas Compression Project-Phase II – Saudi Aramco – Saudi Arabia
Duba Energy Park (DEP) – Fuel Receiving Jetty, Tabuk Province, Saudi Arabia
Sewage Treatment Plant (STP) Capacity Enhancement At ASAB-0 – Adnoc Gas – Abu Dhabi

Baltica 2 – Orsted offshore wind – Baltic Sea

Sunrise CCTV Coverage Study - Dubai Petroleum Establishment (Dpe) – Abu Dhabi

Ichthys CCTV Coverage Study – Australia

Scarborough CCTV Coverage Study –Germany

Mcees Engineering Services, Kochi, Kerala (August 2021 – September 2022)

Experienced in designing and developing power and lighting plans for various projects, ensuring efficient power distribution and compliance with industry standards. Proficient in load calculations, circuit design.

Projects

497 Kings Highway, 257 Coleridge, Gourmet Glatt Kiamesha Lake, NY, 3865 Amboy Road, 1374 42th Street, 83-05 116 th Street, 4683 Park Avenue, 332A 9 th Street, 720-724 W Broadway , 345 Ocean park way, 519 Avenue M, 532 Neptune Ave, 1075 Hall place, 2438 - 97-77 Queens Boulevard

Tertiary Education & Qualifications

Bachelor of Technology

Majors: Instrumentation and Electronics Engineering– 2021

Diploma Program

Majors: Instrumentation technology – 2018

Software Skills & Trainings

Diploma in AUTOCAD, REVIT, 3DS Max,Vray, BricsCAD and Sketchup

Engineering Software: JVSG Software, Acrylic Suite, ATDI, CadnaA, Freedom Navis work, Comos10.4.3

Word Processing: MS word, MS power point, MS Excel

Personal Information

Date of Birth: 05/11/1999

Address: D/O Maniyan, B, MS Bhavan, Madathara P.O. Kollam – 691541, Kerala

Passport No: UB115835

Contact: +918921981471 (India)

Email: akhilams169@gmail.com

Language: English, Hindi, Tamil & Malayalam

Objective

A seasoned, highly motivated professional experience at working in fast paced environment in a strong organization, with technical and interpersonal skills; seeking a challenging position that offers opportunities for personal contribution and professional growth

Declaration

I hereby solemnly declare that all the statements made in the above application are true and correct to the best knowledge and belief.

Date: 06/04/2025

Place: Kochi

Akhila MS