



ANSILA K A

HFC Engineer – FTTx/RF Planner & Designer

PROFILE

“ HFC Engineer – Fiber/RF Planner & Designer with 4 years of experience in Planning & Designing, Technology Migration, Optimization, Quality Management, Scoping, Reporting and Technical support of Long haul networks, **GPON**, **MTM** Technologies, Fiber to The Home (**FTTH**), Fiber To The Curb (**FTTC**), Fibre To The Building (**FTTB**), Fiber To The Node (**FTTN**), **RF** Networks, Hybrid Fiber Coaxial (**HFC**), Conduit desktop design, Node Split and Segmentation, **FTTx** (Brownfield, Greenfield, Single Dwelling Units (**SDU**) and Multi Dwelling Units (**MDU**) networks, **DWDM**, **OLT**, **ONT**, **OTDR**, Copper Networks for fixed-line and wireless technologies and As-built data management in FTTx/HFC networks. ”

PROFESSIONAL EXPERIENCE

XAD Technologies, Dubai, UAE

Nov 2020 – Dec 2020

IMPLEMENTATION AND CUSTOMER FULFILLMENT ENGINEER – Du Project

- Creating work orders (WO) based on the TT (Trouble Tickets) generated upon the customer request for the relocation of services using CRM.
- Locating the customer (CU) location in GIS application and updating the geographical ID of each CU in CRM to assign the technician's site visit.
- Scheduling the site visit as per communication with customer over the phone and thereby closing the TT in CRM.
- Creating new work orders (WO) for the new customers requesting for the du services and assigning the network service plans as per requirements.
- Verifying the documents submitted by customer and scheduling site visit.

IMMCO Inc. (Saranga Geosoftware & Engineering Services Pvt. Ltd), India

SARANGA GEOSOFTWARE & ENGINEERING SERVICES, a subsidiary of **IMMCO Inc.** located at Georgia, US is a leading provider of enterprise solutions to the cable & telecom industries with specialization in broadband, geospatial services, and software development.

March 2016 - December 2019 ◊ HFC ENGINEER

Planning and designing FTTC/FTTH/FTTB/FTTN/GPON (Out Side Plant-OFC network) and HFC network based on DOCSIS (Data Over Cable Service Interface Specification) technology. Working on various versions ie; DOCSIS 3.0, 3.1 using diverse GIS and CAD platforms.

- Recognized as the “**Best Employee of the year 2018**”.
- Received “Best Trainee Award in the period of March 2016 to May 2016”.

Experience in working for clients such as **NBN** (Australisa), **DOWNER** (Australia), **ENTEGRO** for CityFibre &Swish (Ireland), **TELSTRA** (Australia), **OPTUS** (Australia), **CHARTER-CCI** (USA), **SERVICE STREAM** (Australia), **FULTON HOGAN** (Australia), **TDS** (USA), **CISCO**, **COMCAST** (USA), **ARRIS** (USA).

ASSISTANT TEAM LEAD/SUBJECT MATTER EXPERT

Managing and providing technical support to the team in FTTx/HFC projects.

CONTACTS

LOCATION

United Arab Emirates

PHONE

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EMAIL

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CORE COMPETENCIES

- Interpersonal Skill
- Team Management
- Customer Relationship Management
- Leadership
- Timely Delivery
- Invoicing
- Documentation
- Planning & Supervision
- Troubleshooting
- Administration
- Recruitment Activities
- Root Cause Analysing

TECHNICAL SKILLS

SOFTWARE SKILLS

AutoCAD (2D & 3D), MapInfo, Lode Data, Bentley Comm-v8i, QGIS, Arc-GIS, MicroStation, Spatial NET, CRM, FME, Visio, Adobe Photoshop, Adobe Illustrator, MS Project, MS Excel, MS Office.

PROGRAMMING SKILLS

C, C++, Embedded C, SQL - Oracle, Python, Matlab, Verilog HDL.

- Extensive working experience with strong planning and designing skills that to provide vital support to the team for ensuring quality and client satisfaction.
- Expertise in In Field Design Variations (IFDV), As-built, node split/segmentation, technology migration, material reconciliation and network upgrade & design maintenance in OSP networks using RF Coax and FTTx technologies.
- Fine knowledge in geographical information systems (GIS) and network inventory database and their applications in telecommunication networks.
- Developed and implemented new tools, plugins and strategies in projects, improving the team productivity by a rate 30% - 60%, and thereby increasing the monthly billing hours. Achieved several new records and milestones in the design projects and gained client appreciations.
- Created process flow development, project standards, design documents and setting quality control of the projects. Experienced in the designing pilot jobs and samples to release new projects.
- Design knowledge of Feeder, Distribution and Trunk networks. Creating Fibre Allocation Sheets/Splice Joint Records, BOM-BOQ, SED, Health and Safety document, Straight Line Diagrams (SLD), Cabinet Location Sheets, design file and AutoCAD drawings. Working experience in BT/Open reach infrastructure.
- Experienced to work directly in client server. Ensuring the quality of final delivery package and creating reports.
- Direct communication to the client and meeting up the critical requirements of customers.

EDUCATION

2011 - 2015	○	BACHELORES DEGREE B Tech – Electronics and Communication Engineering, KMEA Engineering College, Mahatma Gandhi University, Kerala, India
2009 - 2011	○	SENIOR SECONDARY SCHOOL AISSCE - All India Senior School Certificate Examination, Jama-ath Residential Public School, Central Board of Secondary Education (CBSE), India
2009	○	SECONDARY SCHOOL AISSE - All India Secondary School Examination, Jama-ath Residential Public School, Central Board of Secondary Education (CBSE), India

ACADEMIC ACTIVITIES

PROJECT: Android Mobile Oscilloscope - The system plots or measure voltages as a function of time which are displayed on Android mobile devices using FPGA module and Bluetooth module.

INTERNSHIPS: 1. ALL INDIA RADIO, KOCHI on Radio Communications
2. FOCUZ INFOTECH, KOCHI on Embedded Systems

VOLUNTEERING ACTIVITIES

- Volunteering for H2O (Hands 2 Others).
- IEEE volunteer – IEEE LINK (Local Integrated Network of Kerala) Representative of the IEEE Student Branch – 2013 to 2015.
- WIE (Women In Engineering) Student Branch Chair Person – 2014 to 2015.
- National Service Scheme (NSS) volunteer.
- Organized and IEEE LINK Face 2 Face Meet 2014, IEEE PES Quiz Competition 2014 and Kapricious '15.

PERSONAL INFORMATION

- Date of Birth : 05/08/1993
- Gender : Female
- Nationality : Indian
- Marital Status : Married
- Passport Number : T8898001
- Visa Status : Valid till 11/01/2021
- Languages Known : English, Malayalam, Hindi