



ANSILA K A

HFC Engineer – FTTx/RF Planner & Designer

CONTACTS

LOCATION
United Arab Emirates

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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.

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.

- 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