

KARTHIK A R



Contact

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Personal Details

Date of Birth : 24th August 2000

Gender : Male

Marital status: Single

Nationality : Indian

Technical Skills

- Programming Languages : Java, C, C++, Manual Testing, SQL, Embedded C.
- Linux, SAP Fundamentals
- SOC, NESSUS, SIEM, SOAR, SPLUNK Security System
- CCNA Networking Technology
- Software, Programming and Database
- Embedded Systems : Arduino, ESP8266, Microcontroller 8051

Summary

Seeking a career in an organization, where I can utilize my skills to contribute the growth and success for the organization. I would like to work as a key player in challenging and creative environment.

Experience

GNET – Network Engineer (From 30th OCT 2022)

Reliance Jio Infocomm India Pvt Ltd, Bangalore, Karnataka.

- Basic knowledge of Networking – Routing, switching, troubleshooting routing protocols like RIP, EIGRP, and OSPF, OSI Model, 4G and 5G Architecture.
- Knowledge on IP generation and NE ID creation.
- Designing, Integration, Dimensioning, Optimization of Transport Network (optical and microwave).
- Networking Technologies – Point to point serial links, VPN, PAT, NAT, LAN, WAN, MAN, PAN, WiFi.
- Sound Knowledge on IP Addressing Planning, Network Planning fiber to home FTTX, subnetting, ACL, MPLS and Switching Protocols.
- Tools Used – (GIS 7_1 NE) Ericsson Network Engineer, Inventory client, Citrix, RJIL Auto Portal, Auto CAD.
- Co-ordination with IP, EPC, Transport, and Infra Team to resolve the day to day eNodeB related issues.
- Hands on experience on technologies like Network Planning and Designing the Network to home FTTX Planning, Operations
- Windows Active Dictionary, Outlook, MA Excel, MS Word, MS Power point, security, Operating system.
- Knowledge in Signal Processing, Image Processing, Circuit and PCB Designing, hands on experience in tools like MATLAB, VLSI Design, MULTISIM, MICROWIND, PROTEUS, Language C.
- Performing data analysis using Failure tracking the alarms and clearing the knock and XPIC Links, Global Mapper, LOS Survey tracker, Microwaves and Optical Fibers Splicing and Functions.

Education

2018-2022: **B.E. in Electronics And Communication Engineering**

East West Institute Of Technology VTU
Bengaluru, Karnataka
CGPA – 7.64

2016-2018: **PUC in PCMB**

Sri Dharmasthala Manjunatheshwara
Residential PU College Ujire, Mangalore,
Karnataka
Marks- 70.83%

2016: **SSLC**

St. Mary's High School Arsikere,
Hassan, Karnataka
Marks- 89.76%

Soft Skills

- Work individually and in a group to accomplish assigned goals as a team player
- Time punctuality, sincerity and hard worker
- Ability to learn new technologies and techniques
- Comprehensive problem solving abilities

Languages

- English
- Hindi
- Kannada
- Telugu

Hobbies

- Listening Music
- Playing Cricket and Football
- Travelling
- Photography

Projects

- **Line follower and obstacle avoiding Robot**
 - Objective: To reduce the work of manpower in hotels , hospitals and in manufacturing companies.
 - Technologies used : Arduino Uno ,C programing ,IR sensors.
 - The code will be coded into the Arduino Uno board and the robot will detect the line and obstacles in his path and it works automatically without any manpower.
- **Power Generation at highways using vertical windmill and solar energy for electric vehicle charging**
 - Objective: Power generation at highways for electric vehicle charging station and automatic street lights at highways.
 - Technologies used : Vertical windmill ,Solar Pannels ,LDR and IR Sensors ,Arduino Uno ,Embedded C.
 - The power generation at highways for Electric Vehicle Charging station at highways using vertical windmill and solar panels.
 - Team size: 4

Internship / Training

- Completed internship on **“Turbo Generators” at BHEL** ,it was a good experience with the employee how they work and how they will be involved in their work and how they manufacture the each parts.
- 6 days Hands on Training on **“Internet of Things (IoT) and Wireless Sensor Network” at Reliance Jio.**
- Completed internship on **“CCNA and all the functions and fundamentals of all the equipments used in Reliance Jio” at Reliance Jio** , learnt an mechanism of CISCO Routers,RDU,Wire and Wirless communications and learned about 4G and 5G Architecture and Structure how they perform.

Certifications

- ‘Java Fullstack Developer with Manual Testing’ by Pentagon Space
- ‘CCNA Fundamentals and Functional Of Cisco Networking’ by LinkedIn Learning
- ‘Excel for Business: Essential’ by LinkedIn Learning
- ‘SAP Professional Fundamentals’ by SAP in Coursera.
- ‘Introduction to Software,Programing, and Databases’ by IBM in Coursera.