KISHORE KUMAR I

Passionate Developer of AI-Powered Telecom System

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SKILLS

- **Programming Languages :** Python, Java, SQL , JavaScript .
- **Web Development :** HTML, CSS, React.js, Next.js, Tailwind CSS .
- **Cloud Networking :** AWS, Google Cloud; data migration, Cloud Security, 5G and Cloud Integration, Firewall management,
- **Development:** Linux/Unix-based development, Database Access Layer
- **Linux Shell Scripting:** Automating tasks, batch processing, log management in Unix/Linux environments.
- **Soft - Skills :** Communication , Problem Solving , Leadership, Time Management , Adaptability .

CERTIFICATIONS : DRIVE

- ◆ **Bosch**   *2023 - 2024*
  - Measurement and Testing of Sensors and Actuators

- ◆ **edX**   *2023*
  - Introduction to Web Development with HTML5, CSS3, and JavaScript
  - Python Basics for Data Science
  - Business Considerations for 5G with Edge, IoT, and AI
  - Introduction to Open Source Networking Technologies

- ◆ **NPTEL**   *2022 - 2024*
  - The Joy of Computing Using Python - **Elite**
  - Programming in Java - **Elite**
  - Modern Digital Communication Techniques - **Elite**

LANGUAGE

- Tamil : Native/Bi-Lingual
- English : Native/Bi-Lingual
- Hindi : Elementary proficiency

EDUCATION

- **B.E - Electronics and Communication Engineering(Honors)**   *2022 - Present*
  - R.M.K Engineering College , Thiruvallur , Tamil Nadu
  - CGPA : **8.15**
- **HSC**   *2022*
  - Santhome Higher Secondary School , Chennai , Tamil Nadu
  - Percentage : **91.6 %**
- **SSLC**   *2020*
  - Santhome Higher Secondary School , Chennai , Tamil Nadu
  - Percentage : **86.2 %**

PROJECTS

- ◆ **Next-Generation SDN Solutions for DDoS Detection and Mitigation**
  - Developed a system to detect and mitigate DDoS attacks using SDN's centralized control.
  - Applied the **SVM machine learning** algorithm to identify abnormal traffic patterns.
  - Improved network reliability and response time against DDoS attacks.

- ◆ **AI-Based Railway Track Defect Detection System**
  - Designed a real-time system using acoustic sensors to monitor railway track defects.
  - Applied **Isolation Forest algorithm** for anomaly detection and crack identification.
  - Integrated **GPS for precise crack** location and automated alerts to cloud-based systems.

INTERNSHIPS

- **BHARAT INTERN - App development**   *Mar 2024 - Apr 2024*

  Internship focused on app development.
  - Learned about **App design and Android Studio emulator**
  - Designed a **Quiz App and To-do list App** applying skills from the internship

- **CODTECH IT SOLUTIONS PVT.LTD - Embedded Systems**   *Jun 2024 - Jul 2024*

  Internship focused on Embedded Systems.
  - Worked individually about **Embedded System and Circuit design.**
  - Implemented a **Real-Time Air Quality Monitoring System** using sensors for environmental analysis.

ACHIEVEMENTS

- ⬤ **The Institute of Electronics and Telecommunications (IETE)**

- ◆ Project Presentation - Best Project Award   *Feb 2024*
- ◆ Paper Presentation - Runner Ups   *Jul 2024*
- ◆ Best Student Volunteer Award   *2023 & 2024*