

KISHORE KUMAR I

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Objective

An **Innovative Developer** focused on crafting seamless, real-time web experiences through creative problem-solving and emerging technologies. Eager to tackle challenging opportunities that push the boundaries of modern applications, adapt to evolving user needs, and drive impactful digital solutions.

Education

R.M.K Engineering College, Chennai Expected May 2026
• B.E. in Electronics and Communication (Honors) — CGPA: 8.15
Santhome Higher Secondary School, Chennai Grad. May 2022
• HSC: 91.6% — SSLC: 86.2%

Experience

App Development Intern, Bharat Intern (Remote) April 2024
• Learned app development, UI/UX design, and performance optimization.
• Modeled and tested a Quiz App and To-Do List App using Android Studio.
Embedded Systems Intern, CodTech IT Solutions Pvt. Ltd., Chennai July 2024
• Gained hands-on experience in embedded circuit design and system integration.
• Designed a real-time air quality monitoring system using IoT sensors.

Projects

UnDebt – AI-Powered Debt Management Web App [Explore it!]
• Built a smart financial management system to track and optimize debt repayment strategies.
• Integrated a repayment calculator with Snowball and Avalanche methods for personalized debt clearance plans.
Next-Generation SDN Solutions for DDoS Detection and Mitigation [Explore it!]
• Developed an SDN-based system for real-time DDoS attack detection and mitigation.
• Applied SVM for abnormal traffic classification and dynamically blocked ports to enhance network security and reliability.
AI-Based Railway Track Defect Detection System [Explore it!]
• Constructed a real-time monitoring system using acoustic sensors to detect rail defects.
• Implemented Isolation Forest for anomaly detection and integrated GPS for precise location tracking and automated alerts.

Skills

Programming Languages: Python, Java, C, JavaScript, SQL.
Frameworks & Technologies: React.js, Next.js, Node.js, Flask, Tailwind CSS, Framer Motion, GSAP, HTML, CSS, Google Colab, VSCode, NumPy, Pandas, SVM, Isolation Forest, K-Clustering, Data Preprocessing, Data Pipeline Management.
Cloud & Security: SDN, Cloud Security, Firewall Management, Network Security & Traffic Analysis.
Soft Skills: Problem-Solving, Leadership, Effective Communication, Creative Thinking, Time & Project Management.

Achievements

- **SSN Envision Hackathon** – Runner-Up Feb 2025
- **The Institute of Electronics and Telecommunications Engineers (IETE)**
 - Best Project Award Feb 2024
 - Runner-Up – Paper Presentation Jul 2024
 - Best Student Volunteer Award 2023 & 2024

Certifications

- **NPTEL:** The Joy of Computing Using Python, Programming in Java, Modern Digital Communication Techniques.
- **edX:** Business Considerations for 5G with Edge, IoT, and AI, Introduction to Open Source Networking Technologies, Python Basics for Data Science

Languages

- Tamil (Native)
- English (Fluent)
- Hindi (Conversational)