Srinidhi Mahesh Kumar

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SUMMARY

Dynamic and detail-oriented Electronics and Communication Engineer with hands-on experience in software development, network engineering, and data analysis. Skilled in leveraging programming languages (Python, C++) and web development technologies to deliver robust and efficient solutions. Known for strong analytical thinking, effective problem-solving, and excellent communication skills. Seeking to contribute technical expertise in a fast-paced IT environment, with a commitment to continuous learning and professional growth.

TECHNICAL SKILLS AND INTERESTS

Languages: C++, Python, HTML, CSS, JavaScript

Libraries: C++ STL, Python Libraries, ReactJs

Web Dev Tools: Nodejs, ExpressJs, Git, Github

Frameworks: ReactJs

Areas of Interest: Web Design and Development, Machine Learning

Soft Skills: Collaboration, Critical Thinking, Problem Solving, Analytical, Leadership

EXPERIENCE

- **Intern**

  Bharat Dynamics Limited, Hyderabad, India   May 2023 - June 2023
  - Gained experience in missile technology, focusing on guidance, propulsion, and electronic warfare systems.
  - Conducted quality control and testing to meet defense standards in precision engineering.
  - Assisted in system diagnostics and troubleshooting within defense electronics and control systems.

- **Cisco Virtual Internship in Networking**   *June 2023 - July 2023*

  AICTE-EduSkills   Online
  - Developed expertise in network protocols and gained hands-on experience with Cisco device configuration.
  - Enhanced skills in implementing network security measures, including access control lists (ACLs), VPNs, and firewalls.

EDUCATION

- **B.E. in Electronics and Communication Engineering**   *GPA: 8.5*

  MVSR Engineering College, Hyderabad   July 2024

- **12th Grade in Sciences**   *GPA: 93.4%*

  New Era Junior College, Hyderabad   June 2020

- **10th Grade**   *GPA: 10.0*

  Sri Chaitanya Techno School, Hyderabad   June 2018

PROJECTS

5.1 Real-Time Ticket Booking System (MERN Stack)

- Developed a real-time ticket booking website using the MERN stack with WebSocket integration.
- Enabled secure login, responsive UI, and streamlined payment processing for users.
- Built an admin dashboard for event and booking management with real-time availability control.

5.2 Microcontroller-Based Arduino System for Fault Detection in Transmission Lines

- Designed a fault detection system using Arduino for monitoring faults in three-phase transmission lines.

- Utilized sensors to detect overcurrent, short circuits, and line interruptions, providing real-time alerts.

- Developed a user interface for fault monitoring, enabling efficient response and management.

POSITIONS OF RESPONSIBILITY

- **Head Coordinator, Association of ECE Students**

  - Led the association in organizing and managing multiple technical fests and events.

- **Member, Coordinating Committee for IEEE Annual Technical Fest**

  - Collaborated with IEEE to plan and execute the annual technical fest, overseeing event logistics.