RAM SAI SIVAKOTI

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Professional Summary

Aspiring to excel in software development and make a meaningful impact within an organization while continuously learning from technology leaders. A self-motivated developer with over 2.5 years of experience, having collaborated on multiple web-based projects. Passionate about coding, with a strong focus on developing customized, accessible, and secure interfaces. Knowledgeable in data science concepts and eager to expand expertise in this field. Committed to integrating data-driven insights into software solutions. Organized and adept at managing multiple deadlines while staying updated with evolving technologies to implement best practices in development and data science.

Work Experience

- Software Engineer, 06/2021 - 11/2023, TCS, Chennai
- **Project:** Migrata (Developer)
  Developed an automation tool using front-end technologies and Python Flask to efficiently display data from Google BigQuery. Optimized performance by leveraging Pandas and Apache Beam to load trillions of data points swiftly on a webpage. Designed and implemented interactive dashboards for data visualization, enhancing user insights and decision-making.

Core Qualifications

- Operating Systems: Windows, Linux
- Primary Languages: Python, NumPy Pandas, HTML, CSS, JS, SQL
- Secondary Languages: CORE JAVA
- Database: ORACLE, GCS
- Version Control: GIT HUB

Education

- ➤ **B.Tech:** Kalasalingam Academy of Research and Education, Madurai, TN, 2021
  - Electronics and Communication Engineering Passed Out Aggregate CGPA: 7.5
- ➤ Kennesaw State University, Atlanta, USA master's in computer science: 2024- Present
  - **Current GPA:** 3.83

Internship

- ➤ During my Undergrad I have selected for an internship at Bharat Electronics Limited India's prestigious electronics manufacturing organization, as a part of my internship I have performed various tests on tuned receiver developed by BEL for usage in the communication sectors, radio signals jammers for defense purpose etc. total of 45 days I have been vigorously trained in BEL over numerous research labs and product testing.

Under Grad Project

- ➤ Implemented a voice-over-IP (VoIP) network in Cisco Packet Tracer, configuring Cisco 2960 switches and 2811 routers for data and voice traffic. Troubleshooted network connectivity issues and optimized network performance. Demonstrated proficiency in IP addressing, VLANs, and DHCP. Gained hands-on experience with Cisco IP phones and their configuration.

Accomplishments

- Certified as Associated Cloud Engineer by Google.
- IIT Kharagpur AI Certification.

Hobbies

- Playing outdoor games
- Social Media
- Listening Music
- Memer