AISHWARYA RAJUR

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EDUCATION

University of California, Santa Cruz   **Sep 2022 - Jun 2024**
M.S in Computer Engineering, GPA: 3.9/4
Visvesvaraya Technological University   **Aug 2017 - Aug 2021**
Bachelor of Engineering in Electronics and Communication Engineering, GPA: 8.9/10

Courses: Distributed Systems, System Design, Computer Networks, DSA, Operating Systems, Cloud Computing

TECHNICAL SKILLS

Programming Languages: Python, Java, HTML, Javascript
Database: SQL (SQLite, PostgreSQL), NoSQL (DynamoDB)
Tools/Platforms: Jira, Git, Jenkins, ServiceNow, Flask, WebMethods, Control-M, SoftwareAG, Confluence, Docker, Kubernetes
Others: RESTful API, CI/CD, AWS services, Kafka, Postman, Linux, Microservices

EXPERIENCE

Software Engineer - Accenture   **Jul 2021 - Jul 2022**
- Developed scripts to automate the retrieval and analysis of file transfer events, improving job monitoring and performance
- Monitored, troubleshot, and resolved integration issues to ensure system availability and data consistency for a retail client
- Built and optimized integration workflows, using WebMethods Designer and Flow services to meet business needs
- Demonstrated proficiency in ServiceNow by accurately logging incidents and tracking resolutions, improving response times
- Resolved a P1 incident by manually troubleshooting WebMethods server logs, cutting file transfer downtime from 2 hours to minutes while on-call
- Scheduled and deployed 250+ file transfer jobs in Control-M, ensuring SLA compliance and optimizing data transfer processes
- Collaborated with cross-functional teams in Agile environments to gather requirements and ensure timely delivery of technical solutions and interface improvements

Software Engineer Intern - Accenture   **Apr 2021 - Jun 2021**
- Developed and tested RESTful APIs using Postman, enhancing application integration and data exchange
- Participated in code reviews and debugging session

PROJECTS

Email Summarizer Application - Python, Google API, OpenAI GPT, OAuth2.0
- Developed an automated Python application that generates and sends daily email summaries
- Integrated Google API and OpenAI's GPT model API for streamlined categorization and concise email summarization

Serverless web application on AWS - Lambda, API Gateway, DynamoDB, Cognito, Amplify, CloudWatch
- Designed and developed a serverless ride-sharing web application using AWS cloud services
- Implemented user management backend logic and mimicked core functionalities of real-world ride-sharing website

Web Dashboard for Efficient Data Analysis - Python, Docker, PostgreSQL, Flask, HTML, JavaScript
- Built a dashboard for efficient data monitoring, facilitating enhanced decision-making using Docker and PostgreSQL
- Utilized Matplotlib in Flask to enable real-time data plotting and image download

OTHER EXPERIENCE

Project Manager - UCSC (AIEA Lab)   **Aug 2024 - Present**
- Coordinating project communication, assigning tasks, and addressing concerns via Discord and Notion
- Maintaining documentation, finalizing agendas, and overseeing GitHub pull requests for efficient operations
- Running weekly scrum meetings, setting quarterly goals, and facilitating team planning sessions for task assignment

Graduate Teaching Assistant - UCSC   **Sep 2022 - June 2024**
- Conducted workshops on SQL databases for 135 students
- Mentored 100+ students, teaching concepts on Microservices, Cloud computing, and Computer networks

CERTIFICATION

- **AWS** Certified Cloud Practitioner Link   **Mar 2024**