Vaidehi Sanjay Joshi

San Jose, CA | 408-690-8842 | vaidehijoshi.com | vaidehisanjay.joshi@sjsu.edu | linkedin.com/in/vaidehi | github.com/vaidehi

EDUCATION

M.S., Computer Science, *San Jose State University*
B. Tech., Computer Engineering, *Cummins College of Engineering, India*

TECHNICAL SKILLS

Languages	Java, Python, Go, JavaScript, C, C++, SQL, HTML/CSS
Technologies	Spring Boot, Spark, Kafka, JUnit, React, Karate, SSIS, Tensorflow, E2E Testing
Tools	Google Cloud Platform, AWS, Azure (Cosmos DB, Blob Storage), Git, Linux
Domains	Backend Development, Frontend Development, Full-Stack Development, Machine Learning

WORK EXPERIENCE

Software Development Intern, Neoscale, Remote   Jun 2023 – Aug 2023
- Developed the entire serverless backend for a meeting scheduler application (like Calendly) using tRPC and Next.js
- Contributed to the development of a URL-shortener service utilizing Node.js and TypeScript

Software Developer II, Walmart Global Tech, Bangalore, India   Aug 2020 – Aug 2022
- Integrated a third-party API to dynamically calculate drug prices generating a 30% increase in overall revenue
- Used Spark to mock a SQL database and performed an analysis of database optimization techniques for download microservice of 3 million invoices
- Built and managed over 30+ APIs (Spring Boot) in Walmart Pharmacy Platform using Java; end-to-end development from ideation to production with testing (JUnit)

Software Developer, Optimum Data Analytics, Pune, India   July 2019 – Jul 2020
- Implemented production-level Machine Learning services using BERT that were integrated into the startup's Machine Learning client-side library
- Developed a React app that helped vendors analyze customer reviews by performing NLP tasks
- Used Next.js (React) and Flask (Python), developed an interface to allow users to upload or view the reviews

Software Development Intern, Walmart Global Tech, Bangalore, India   May 2019 – Jul 2019
- Implemented a proof-of-concept tool utilizing R and Excel to optimize data center location-allocation, while also driving ad-hoc data visualization and data analysis tasks for multiple projects in the team
- Increased critical API response time by 65% by normalizing the SQL database and re-writing multiple repositories

PROJECTS

Garage Door Automation, RaspberryPi, IoT   Aug 2023 - Dec 2023
- Developed and implemented a custom hardware and software solution using open-source technologies like ESP32 and Raspberry Pi to automate Chamberlain garage doors with HomeAssistant
- Contributed to the development of a scalable solution by integrating the project into the HomeAssistant ecosystem, enabling compatibility with over 3000+ plugins and enhancing the system's functionality and customization options

Chore tracker application, Next.js, Supabase, SQL   Nov 2023 - Feb 2024
- Created an app using Next.js and Supabase, facilitating efficient chore management, and hosted it on Vercel
- Designed a UI ensuring scalability while utilizing Supabase for SQL-based database management

Cummins Smart Attendance, Android, Java, SQL   Aug 2019 - Aug 2020
- Led a team of 5 developers to build an Android app for maintaining students' attendance at my college using Java and SQL

AWARDS/CERTIFICATIONS

- **AWS Certified Developer – Associate** (View on credly)
- **Grace Hopper Celebration Scholarship**
- **Competitions:** Won first prize at the following coding competitions: CZAR (C programming), Tech-Sudoku (Coding and Sudoku competition), ACM-W CodeIt competition (Python)
- **Seminar Speaker**: Delivered a seminar on 'Cyberbullying detection using Machine Learning' at Cummins College
- **Coding instructor**: Conducted lectures to teach coding to 60 school kids every weekend for 2+ years as an instructor at TAP (The Apprentice Project, a non-profit NGO teaching school kids), India