

Vaidehi Sanjay Joshi

San Jose, CA | 408-690-8842 | vaidehijoshi100@gmail.com | [linkedin.com/in/vaidehi](https://www.linkedin.com/in/vaidehi) | github.com/vaidehi

Software Engineer with 3+ years of experience in full-stack development, specializing in React/Next.js, Spring Boot/Node.js, and Amazon Web Services, with a passion for machine learning

EDUCATION

Master of Science, Computer Science, San Jose State University	Aug 2022 – May 2024
Bachelor of Technology, Computer Engineering, Cummins College of Engineering, India	July 2016 – July 2020

TECHNICAL SKILLS

Languages	Java, Python, Go, JavaScript, C, C++, SQL, HTML/CSS, Typescript, Groovy
Technologies	Spring Boot, Spark, Kafka, Selenium, React, Karate, Android, iOS, Tensorflow, E2E Testing, Node.js
Tools	AWS, Google Cloud Platform, Azure (Cosmos DB, Blob Storage), Git, Linux, Docker
Domains	Backend Development, Frontend Development, Cloud Computing, Machine Learning

CERTIFICATIONS

• AWS Certified Developer – Associate (credentials)	May 2024
• Grace Hopper Celebration Scholarship	Sept 2023
• Microservices: Design Patterns (credentials)	May 2021

WORK EXPERIENCE

Software Engineer, Intrax, San Francisco **Aug 2024 – Present**

- Developed a self-service promo code system (**React/Java**), replacing manual engineer involvement and decreasing lead time by over 93%
- Led setup of local development and **CI/CD** pipeline automation, reducing development time by 2-3 hours per story
- Delivered 30+ features and built a CRM system using Salesforce Apex (Java-like) and Visualforce (React-like)

Software Developer II, Walmart Global Tech, Bangalore, India **Aug 2020 – Aug 2022**

- Integrated a third-party **API** to dynamically calculate drug prices generating a \$65M increase in overall revenue
- Optimized download microservice for 3 million invoices by using **Spark** and **Hive** to mock a **SQL** database
- Built and managed over 30+ **REST** APIs end-to-end in the Walmart Pharmacy Platform using **Java (Spring Boot)**
- Improved test coverage by 60% ensuring adherence to test-driven development principles and automating unit and regression test cases using **JUnit**, **Mockito**, and **Cucumber**

Software Developer, Optimum Data Analytics, Pune, India **July 2019 – Jul 2020**

- Implemented production-level **Machine Learning** services using BERT with an accuracy of 96%. This was integrated into the startup's Machine Learning client-side library enhancing vendor insights and decision-making
- Increased user engagement by 40% by creating a user-friendly interface to allow users to upload or view the reviews using **Next.js (React)** and **Flask (Python)**
- Increased automation test coverage by 30% utilizing Selenium by applying test-driven development

Software Development Intern, Walmart Global Tech, Bangalore, India **May 2019 – Jul 2019**

- Optimized data center location allocation by 30% using **Python** and **R** by implementing an ML tool
- Increased critical API response time by 65% in a fast-paced environment by normalizing **SQL** database and re-writing multiple repositories and enhanced query performance by 40%

PROJECTS

Clothverse | Kafka, Node.js, Spring Boot, React.js, Redis, MongoDB, MySQL **Dec 2023 - Mar 2024**

- Tailored high-level design for a distributed application with 13 decoupled microservices in **Node.js** and **Spring Boot**, an API Gateway as a reverse proxy, and integrated **Apache Kafka** for asynchronous communication
- Reduced product catalog API load times by caching product inventory metrics in-memory via **Redis** improving response time for API requests from 500ms to 200ms, resulting in a 60% reduction in initial load time