

Vaidehi Sanjay Joshi

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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 Development Intern, Neoscale, Remote	Jun 2023 – Aug 2023
<ul style="list-style-type: none">Developed the entire serverless backend for a meeting scheduler application using tRPC and Next.jsEnhanced system performance by 20% of a URL-shortener service utilizing Node.js and TypeScriptImproved data retrieval speed by 25% in a backend development project by integrating MySQL and DynamoDB	
Software Developer II, Walmart Global Tech, Bangalore, India	Aug 2020 – Aug 2022
<ul style="list-style-type: none">Integrated a third-party API to dynamically calculate drug prices generating a 30% increase in overall revenueOptimized download microservice for 3 million invoices by using Spark to mock a SQL databaseBuilt and managed over 30+ APIs end-to-end in Walmart Pharmacy Platform using Java (Spring Boot)Improved system scalability by 35% utilizing Kubernetes for deploying and maintaining services	
Software Developer, Optimum Data Analytics, Pune, India	July 2019 – Jul 2020
<ul style="list-style-type: none">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-makingIncreased 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)Improved sentiment analysis accuracy by 25% by fine-tuning T5 and Bert-based models for the reviews analyzerReduced review processing time by 50% by implementing optimized data pipelines using Python	
Software Development Intern, Walmart Global Tech, Bangalore, India	May 2019 – Jul 2019
<ul style="list-style-type: none">Implemented a tool utilizing R and Excel to optimize data center location-allocation, while also driving ad-hoc data visualization and data analysisIncreased 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

Decryptoid PHP, MySQL, React	Dec 2023 - Mar 2024
<ul style="list-style-type: none">Developed secure text encryption/decryption features and user authentication/session management for a web app	
Clothverse Kafka, Node.js, Spring Boot, React.js, Redis, MongoDB, MySQL	Dec 2023 - Mar 2024
<ul style="list-style-type: none">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 communicationReduced 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	
Cummins Smart Attendance Android, Java, SQL	Aug 2019 - Aug 2020
<ul style="list-style-type: none">Led a team of 5 developers to build an Android app for maintaining students' attendance using Java and SQL	