

Vaishnavi Gujjari

+1 9722146984 – vaishnavidevigujjari@gmail.com – linkedin.com/vaishnavigujjari – github.com/vaishnavigujjari – Portfolio: vaishnavigujjari.me
Seattle, Washington (Open to relocation) – Visa: F1 OPT – 3+ YOE – Open to Full Stack, Backend, Frontend, DevOps roles

Experience

Full Stack Software Engineer

June 2024 – Present

Flow, Full-time Internship

Remote, USA

- Spearheaded the development and deployment of robust backend solutions using Java & Spring MVC, supported by PostgreSQL, for the company's corporate website and B2B sales application, leading to a **35%** increase in B2B sales and a seamless user experience.
- Configured and managed NGINX for optimized load balancing and performance, resulting in a **30%** reduction in server response time and a **40%** improvement in handling peak traffic loads.
- Orchestrated the deployment and scaling of applications on AWS EC2 instances, optimizing instance types and load balancing, resulting in a **40%** improvement in resource utilization and a **20%** reduction in operational costs.

Software Engineer

July 2020 – July 2022

Sureify

Hyderabad, India

- Engineered and deployed a high-performance RESTful API using AWS API Gateway, Lambda, and DynamoDB, improving data retrieval speed by 25% and scaling to support over **10,000** requests per second; awarded “Employee of the Month” for outstanding contributions.
- Managed and optimized the deployment of Docker containers on AWS EC2 and ECS, which cut infrastructure costs by **62%** and accelerated deployment time by **40%**.
- Designed and established a DevOps strategy involving Jenkins, Docker, Kubernetes, and AWS services, which reduced manual intervention by **50%** and ensured continuous deployment across multiple environments.

Software Development Engineer

March 2020 – June 2020

Innopark Ventures, Full-time Internship

Hyderabad, India

- Enhanced the backend architecture for the MVP of Rent-a-Block using the MERN stack, leading to a **20%** improvement in response time and supporting over **5,000** concurrent users.
- Automated scaling and monitoring for AWS EC2 instances, resulting in a **25%** reduction in manual intervention and enhanced system resilience during high-demand periods.
- Developed and maintained backend systems and React JS SPAs, incorporating **20** new features and utilizing Axios for efficient HTTP requests, significantly reducing server load by **30%**.

Amazon Campus Mentorship Series (ACMS) Mentee

Jan 2020 – June 2020

Amazon, Mentorship Series, Part-time

Hyderabad, India

- Initiated the conceptualization of web-based applications leveraging Django to ensure the development of responsive and user-friendly interfaces and achieved a **25%** improvement in website loading speed through algorithm optimization techniques.
- Facilitated seamless application deployment and management using **Kubernetes** and **Docker**, which reduced deployment time by **35%** and streamlined updates across multiple environments.
- Conducted thorough API testing for **70+** RESTful APIs using Postman, employing HTTP methods like GET, POST, PUT, and DELETE, which identified and mitigated **95%** of critical issues before production, enhancing system reliability and uptime.

Education

Arizona State University

Aug 2022 – May 2024

Masters in Computer Science

Tempe, AZ, USA

Chaitanya Bharathi Institute of Technology

Aug 2017 – June 2021

Bachelor of Engineering in Information Technology

Hyderabad, India

Projects

Resurge

June 2024 – Present

- Developed a full-stack job application tracking platform with a React JS frontend and a robust backend using Java, Spring Boot, Hibernate, and Spring Data JPA, hosted on AWS, leading to a **25%** improvement in application responsiveness and a **20%** increase in user retention.
- Applied DevOps practices, including CI/CD pipelines, to automate testing, integration, and deployment, boosting system reliability by **25%** and reducing manual intervention by **60%**.

InstaSure

Sept 2021 – July 2022

- Led the back-end development of a scalable employee onboarding application using the Spring Framework, reducing onboarding time by **40%** for over **175** employees.
- Containerized the application with Docker and implemented continuous delivery pipelines, accelerating deployment times by **35%** and ensuring consistent environments across development, testing, and production.

Skills

Languages: Java J2EE, JavaScript, Python, C, C++, C#, GoLang, TypeScript, Shell Scripting
APIs and Cloud: REST web services, GraphQL, OpenAPI (Swagger), AWS, GCP, Azure, Digital Ocean
Database: MySQL, NoSQL, PostgreSQL, MongoDB, Oracle
Tools & Technologies: MacOS, Windows, Linux, Figma, Jira, Taiga, Trello, IntelliJ, Visual Studio, Confluence, SDLC, Agile, Waterfall, Scrum
Spring Framework: Spring MVC, Spring Boot, JPA, JDBC

Web Development: HTML, CSS, JQuery, Tailwind CSS, Material UI, DOM, JSON, YAML, Bootstrap, PHP
DevOps: CI/CD, Git, GitHub, Docker, Kubernetes, Jenkins, GitLab CI, Maven, Gradle, Prometheus
Servers & Testing: Apache Tomcat, NGINX, Apache Kafka, JMeter, JUnit, Jest, Mockito, React Testing Library, Postman
Frameworks: React JS, Redux, Next JS, Node JS, Express JS, Django, Flask, Fast API, Hibernate, Angular JS, .NET

Certifications and Achievements

- **Postman:** API Fundamentals Student Expert
- **Microsoft Certified:** Azure Data Fundamentals
- **Microsoft Student Partner:** Organized **15+** JavaScript & GitHub workshops, engaging over **300** students, boosting technology adoption