

# VAISHNAVI DEVI GUJJARI

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## SKILLS

- **Languages:** Java, JavaScript, Python, C, C++, C#, GoLang, TypeScript
- **Frameworks:** React JS, Next JS, Hibernate, Django, Angular JS, Redux
- **Databases:** SQL, PostgreSQL, Relational Databases, MongoDB
- **APIs:** RESTful APIs, GraphQL, JPA, Swagger
- **Tools:** Postman, Figma, Jira, Agile/Scrum, Taiga, Kafka, Node JS, .NET
- **Cloud:** AWS – Lambda, Dynamo DB, API Gateway, EC2, S3
- **Web Dev:** HTML, CSS, Material UI
- **DevOps:** CI/CD, Docker, Kubernetes, Jenkins, GitLab CI, Maven, Gradle
- **Testing Frameworks:** JMeter, Junit, Mockito, React Testing Library
- **Version Control & OS:** Git, GitHub, MacOS, Windows, Linux, Shell
- **Spring Framework:** Spring MVC, Spring Boot, JPA, JDBC
- **Certifications:** Udemy: Python, Django, DSA

## EXPERIENCE

**Flow** June 2024 – Present  
Full Stack Software Engineer Intern

- Engineered REST APIs using **Java & Spring MVC** & integrated with front-end applications built with React JS and supported by a **PostgreSQL** database.
- Automated build, test, and deployment processes using tools like **Jenkins, Gradle, and Docker**, ensuring consistent and reliable deployments and releases.
- Performed the migration of existing applications to microservices architecture, leveraging Docker, resulting in a **50%** reduction in deployment times.
- Administered thorough testing of **70+ RESTful API** endpoints with Postman, utilizing **HTTP** methods like GET, POST, PUT, and DELETE to validate functionality and maintain data integrity.

**Sureify** July 2020 – July 2022  
Software Engineer

- Spearheaded the launch of a website extension with **12+** using MongoDB, Express.js, React.js, Node.js, applying **SDLC** methodologies, generating **25%** additional revenue and recognized as “**Employee of the Month**” for stellar performance.
- Implemented **CI/CD** pipelines to automate build, testing, and deployment processes, reducing manual errors and accelerating application releases by **60%**.
- Executed React JS SPAs with backend systems using **Axios** and managed **microservices** deployment and orchestration with Docker and Kubernetes, reducing server load by **30%** across 500 HTTP requests.
- Refactored front-end code, Designed, Developed & deployed **15** additional features in a web application, increasing user interaction and played a key role in resolving critical bugs and optimizing testing procedures by **40%** by implementing the React Testing Library.
- Contributed significantly to create comprehensive technical documentation, ensuring efficient knowledge transfer and supervised a team of **8** interns, following **Agile/Scrum** process for sprint planning, reviews, and grooming.

**Innopard Ventures** March 2020 – June 2020  
Software Development Engineer Intern

- Pioneered implementation of Minimum Viable Product (**MVP**) for the start-up and achieved **28%** increase in revenue over estimated projections through the development and launch of the platform.
- Proactively identified performance bottlenecks and adopted optimization strategies, resulting in significant enhancements to speed and responsiveness.
- Leveraged **Kafka** for real-time data streaming and processing, facilitating seamless communication between **10+** distributed systems.
- Orchestrated seamless application deployment and management using **Kubernetes** and Docker, achieving **90%** faster scaling of applications.

## PROJECTS

**Resurge** – Job Application Tracker | [GitHub](#)  
• Revamped job application tracking with a user-friendly platform, increasing efficiency by **30%** in managing job search endeavors.  
• Carried out secure authentication and authorization mechanisms using JWT, ensuring user data privacy and protection for over **50** users.  
• Built the frontend using React JS and constructed the backend with Java, leveraging Spring Boot, Hibernate, and Spring Data JPA along with PostgreSQL for robust and secure application development and improved data processing speed by **36%**.

**NextLevel Foodies** – Recipe Sharing Application | [GitHub](#)  
• Architected a foodies application using Next.js, React.js and SQLite3, resulting in a 30% increase in user engagement and reduced page load times by 25%.  
• Created an intuitive user interface with React.js, facilitating easy navigation and interaction for over **5,000** users to browse, submit, and view recipes, utilizing Next.js's server-side rendering to optimize the application's performance.

**InstaSure** – Employee Onboarding Application | [GitHub](#)  
• Directed the back-end team in developing a scalable solution for InstaSure using Spring Framework, resulting in a **40%** reduction in onboarding time for more than **175** employees.  
• Enhanced database performance by optimizing query retrieval and indexing, reducing data access times by **50%** and improved overall system efficiency.

## EDUCATION

**Masters Degree, Computer Science** May 2024  
Ira A. Fulton Schools of Engineering, Arizona State University, Tempe, Arizona, United States  
**Coursework:** Software Design, Software Verification, Validation, Testing, Data Mining, Machine Learning, Mobile Computing

**Bachelor of Engineering, Information Technology** June 2021  
Chaitanya Bharathi Institute of Technology, Hyderabad, India  
**Coursework:** Algorithms & Data Structures, Software Engineering, Database Systems, Operating Systems, Web Technologies, Java Programming

## ACHEIVEMENTS

- **Postman:** API Fundamentals Student Expert. May 2024
- **Microsoft Certified:** Azure Data Fundamentals. April 2024
- **Amazon ACMS Mentee:** Selected from over 300 students to lead the back-end team on a collaborative project at Amazon. January 2020 – June 2020
- **Computer Science Mentor:** Mentored 50+ students in CS, Java, C++, strengthening coding skills, Data Structures and Algorithms & interview prep.
- **Microsoft Student Partner:** Organized 15+ JavaScript & GitHub workshops, engaging over 300 students, boosting technology adoption.