

Sai Vara Prasad Reddy Gujjula

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[LinkedIn](#) | [GitHub](#)

Professional Summary

Detail-oriented Software Engineer with 1+ year of experience building scalable backend services and full-stack applications using Java, Python, and JavaScript. Skilled in system design, REST API integration, and cloud-native deployments. Experienced in automating delivery pipelines using GitHub Actions, GitLab CI, Docker, and GCP.

Technical Skills

Languages: Java, Python, C++, JavaScript, Dart
Web & UI: React.js, Angular, Django, Flutter, HTML, CSS
Cloud & Devops: GCP, Docker, Ansible, GitHub/GitLab CI/CD, Kubernetes, AWS(EC2,S3)
Databases: Oracle DB, PostgreSQL, Firebase
Concepts: OOP, Design Patterns, REST APIs, Redis, Data Structures & Algorithms, Scrum, Problem Solving
Tools: Git, Jira, Linux, ServiceNow (familiar), Debuggers, Profilers, JMeter

Professional Experience

Product Engineer

July 2022 – July 2023

EdgeVerve Systems Limited, Hyderabad, India

- Built backend microservices using **Java**, **Spring Boot**, **PostgreSQL**, and **Oracle**, delivering features to 20+ enterprise banking clients, and developed admin-facing UIs using **Angular** and **JavaScript** to improve task workflows by **25%**.
- Automated **GitLab CI/CD pipelines**, containerized services with **Docker**; deployed via **Kubernetes**, reducing release effort by 80%.
- Integrated **Redis** for caching and **AWS (EC2, S3)** for distributed deployments, enhancing performance and reliability.
- Designed a **Node-Installer tool** and **NodeAdmin access module** with role-based controls and audit logging, increasing deployment success by 30%.
- Conducted load testing using **JMeter** and resolved 40+ bugs and performance issues during Agile sprints and Scrum ceremonies, ensuring smooth rollouts.

Projects

MultiPlayer Chess Application [Link](#)

Tech Stack: Python, Django, Django Channels (WebSockets), HTML, CSS, JavaScript, AJAX, Google Cloud Platform (GCP), NGINX

- Built a real-time multiplayer chess app using Django, Django Channels, and WebSockets for seamless two-player interaction.
- Deployed on Google Cloud Platform with Docker containers and NGINX load balancing, supporting 100+ concurrent users.
- Implemented GitHub Actions CI/CD for automated deployment; achieved <100ms move sync via AJAX polling and improved session reliability by 40%.

Recipe Hub (Flutter)

Tech Stack: Flutter, Dart, Firebase Authentication, Firestore, REST APIs, GitHub Actions

- Developed a cross-platform mobile app using Flutter and Dart for recipe sharing, integrating Firebase Authentication and Firestore for real-time data.
- Consumed third-party recipe APIs to fetch and display dynamic recipe content within the app.
- Implemented GitHub Actions CI/CD for automated deployment and optimized Firestore queries for 30% faster data access with offline sync support.

Education

Master of Science, Computer Science

California State University, Chico

May-2025

Bachelor of Technology in Electronics & Communication Engineering

National Institute of Technology, Warangal, India

May-2022

