

# Sai Teja Yaruva

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[portfolio](#)

## Profile Summary

Detail-oriented and enthusiastic Software Developer with a strong foundation in **Java, Spring Framework, and RESTful Web Services**. Skilled in designing and developing scalable backend systems using **JDBC, Servlets, JSP, and Spring Boot**. Experienced with **Docker** for containerization, **AWS** for cloud deployment, and **Git** for version control. Proficient in **system design principles** and applying them to build reliable, maintainable architectures. Adept at problem-solving, writing clean and efficient code, and collaborating in agile development environments. Passionate about creating high-performance backend systems and exploring modern DevOps and microservice-based architectures.

## Education

G. Pulla Reddy Engineering College

Kurnool, Andhra Pradesh

Bachelor of Technology in CSE with specialization in Artificial Intelligence and Machine Learning

Dec 2021-May 2025

CGPA: 7.81/10.0 (no backlogs)

## Projects

**AI Email Writer – Chrome Extension** | Spring Boot, React.js, Gemini API, Java, REST APIs, MySQL, Docker, Chrome Extension

GitHub [Repository](#)

Oct 2025

- Developed a Chrome Extension that automatically generates professional email replies directly inside Gmail using Google Gemini LLM.
- Built a Spring Boot backend to handle AI prompt generation and response formatting, deployed on Render Cloud for 24/7 availability.
- Integrated Gemini API to create context-aware and tone-adjustable responses (formal, casual, empathetic).
- Implemented content script injection to dynamically detect Gmail compose windows and insert an “Auto Reply” button with AI functionality.
- Designed a clean, interactive React.js frontend for better UI control and responsiveness.
- Enhanced productivity by reducing average email response time by 70% and ensuring consistent communication tone.

**Real-Time Chat Application** | Spring Boot, WebSocket (STOMP), Maven, HTML5, CSS3, Docker, Render

GitHub [Repository](#)

Oct 2025

- Designed and implemented **bi-directional real-time messaging** using **Spring Boot + WebSocket (STOMP)** protocol.
- Built a **responsive single-page UI** using HTML5 and CSS3 for seamless chat experience.
- Integrated **dynamic user presence tracking** to display online/offline users in real-time.
- Containerized the application using **Docker** and deployed it to **Render Cloud** with CI/CD auto-deployment from GitHub.
- Optimized the backend to handle **multiple chat rooms concurrently** with minimal latency.

## Experience

**Java Full Stack Intern** | VVV Infotech - View [Credentials](#)

Jan 2025 – Apr 2025

- Completed a remote internship focused on **Java Full Stack Development** using **Spring Boot, React.js, and MySQL**.
- Developed and integrated **RESTful APIs** for dynamic data handling between backend and frontend.
- Implemented **authentication modules, CRUD operations**, and responsive UI components using React.js.
- Collaborated on **end-to-end web application design, testing, and deployment** under agile workflows.
- Gained real-world experience in **Dockerized full-stack deployment** and **Git-based version control**.

## Technical Skills

**Programming Languages:** Java, Python

**Web Technologies:** HTML, CSS, JSP, Servlets

**Frameworks & Libraries:** Spring Boot, Spring MVC, JDBC

**AI & Machine Learning:** Google Gemini API, Generative AI Integration, Prompt Engineering, RESTful AI Services

**Databases:** MySQL, PostgreSQL

**Cloud & DevOps:** AWS (EC2, S3), Docker

**Software Development:** REST API Development, Microservices Architecture

**Version Control & CI/CD:** Git, GitHub, Maven, Gradle

## Certifications

- Deloitte Australia Data Analytics Job Simulation -View [Credentials](#)
- Google Advanced Data Analytics, Coursera-View [Credentials](#)
- Microsoft Power BI Data Analyst Professional, Coursera-View [Credentials](#)