

# GANESH PINIREDDY

Hyderabad, India | +91 80086 01995 | 218r1a0553@gmail.com | LinkedIn | GitHub

## EDUCATION

B. Tech - CSE • 2025  
CMR Engineering College  
Hyderabad | CGPA: 8.83

Intermediate - MPC • 2021  
Krishnaveni Junior College  
Warangal | Marks: 982/1000

Secondary School • 2019  
Karunya Jyothi High School  
Warangal | CGPA: 10

## SKILLS

### Programming Languages

Java, Python

### Frontend Technologies

HTML, Tailwind-CSS, React

### Test Automation

Selenium, Postman, Gherkin

### Backend Technologies

Spring, SpringBoot

### Databases

SQL(MYSQL)

### CS Fundamentals

Data Structures and Algorithms

Object Oriented Programming

Database Management Systems

Computer Networking

### Others

Agile-Scrum methodology, Manual/  
UI Testing

## ACHIEVEMENTS

- Received an internship completion certificate from S&P Global.
- Achieved a global rank of 436 in a weekly CodeChef contest.
- 3 star Coder in CodeChef.
- Knowledge in performing AI based automation testing using testRigor
- Cloud Foundations from AWS.

## EXPERIENCE

S&P Global • Quality Assurance Intern • June - August 2024

- **Developed and optimized automated test scripts** using Python, Selenium WebDriver and QA processes, reducing manual testing effort by 65% and improving test coverage by 50%.
- **Created Gherkin-based test scenarios** to define clear and actionable acceptance criteria for user stories, ensuring seamless alignment between development and testing.
- **Enhanced application quality** by identifying and resolving critical issues proactively, demonstrating strong problem-solving skills and improving release reliability by 40%.

## PROJECTS

### Task Management Web Application

- Developed a full-stack Task Management Application using Spring Boot (backend) and React.js with Vite (frontend) to streamline task tracking and assignment.
- Designed and implemented a RESTful API with structured task and user entities
- Secured the application using JWT-based authentication and authorization, enabling protected routes and access control for different users.
- Integrated AI-powered Natural Language Processing (NLP) to allow users to create tasks via natural language input, enhancing productivity and usability.
- Utilized React Router for dynamic navigation and a responsive UI with Tailwind CSS.
- Deployed the complete stack using Vercel (frontend), Render (backend), and Railway (MySQL database) for scalability and cloud-based accessibility.

### Bidirectional Data Ingestion Tool

- Built a full-stack web application using Spring Boot (backend) and React.js with Vite (frontend) to enable bidirectional data transfer between ClickHouse and Flat File formats (CSV).
- Designed a robust RESTful API supporting table and column schema discovery, data selection, and ingestion/export functionality.
- Developed an intuitive frontend interface with React.js, allowing users to connect data sources, select tables/columns, and trigger ingestion operations.
- Ensured accurate progress tracking and completion reporting for all ingestion/export operations.