

# DESAMSETTY SRI AJAY

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## Summary

Java Full Stack Developer with hands-on experience in React, Spring Boot, and backend API development. I learn quickly, adapt fast, and deliver high-quality solutions. I am also integrating AI features into my projects.

## Projects

**Job Mela** | *React.js, Spring Boot, Java, MySQL, JWT, OpenAI API, Docker* | [Live Demo](#) **Oct 2025 – Nov 2025**

- Developed a full-stack job portal with JWT-secured login, allowing users to apply for jobs, track applications, and manage job postings in real time.
- Built an AI-powered Resume Analyzer using the OpenAI API to extract insights, detect errors, and provide improvement suggestions on uploaded resumes.
- Implemented advanced job filtering features such as location, job role, and job type to enhance user experience and job discovery.
- Configured a scalable MySQL database on Aiven Cloud for efficient storage and retrieval of users, job listings, and applications.
- Containerized the backend using Docker and deployed the backend on Render; deployed the frontend on Netlify for continuous and seamless delivery.

**AI Prompt Gallery** | *React.js, Spring Boot, Java, MySQL, Cloudinary, Docker* | [Live Demo](#) **Oct 2025**

- Built a full-stack AI Prompt Gallery platform that allows users to browse and copy AI prompts along with reference images for use in AI image generation tools.
- Developed a private admin dashboard to add, update, and manage prompt entries and reference images (admin panel kept internal and not publicly accessible).
- Integrated Cloudinary for efficient image storage and handling, simplifying image upload and retrieval workflows.
- Configured a scalable MySQL database on Aiven Cloud to reliably store prompt data and image references.
- Containerized the backend using Docker and deployed the backend on Render, while deploying the frontend on Netlify for seamless and globally accessible deployment.

**AI-Powered Trail Run Assistant – AI Agent Workflow Automation in n8n** [GitHub](#) **June 2025**

- Engineered an intelligent workflow in n8n using ScheduleTrigger, which monitors daily calendar events to determine if a trail run is planned, enabling time-aware autonomous decisions.
- Automated daily execution via n8n scheduler, processing trail attributes (distance/elevation/shade) against real-time Hyderabad weather to optimize recommendations.
- Deployed Gmail integration for proactive user notifications, reducing manual planning by 75% through weather-adaptive logic.

## Technical Skills

**Front-End:** HTML5, CSS3, JavaScript, React.js, Tailwind CSS

**Back-End:** Spring Boot, RESTful APIs, Node.js, Express.js

**Databases:** MySQL, MongoDB

**Languages:** Java, Python

**Deployment Tools:** Render, Docker, Netlify

**Version Control:** Git

## Certification / Achievements

- Completed **Introduction to Java Programming: Java Fundamental Concepts** by Coursera – [View Certificate](#)
- Completed **Generative AI Fundamentals** by Google Cloud on Coursera – [View Certificate](#)
- Secured 2nd place in Python Technical Quiz at Neurosplash 2k24, Malla Reddy University (2024).

## Education

### Malla Reddy University

*B.Tech in Computer Science and Engineering; CGPA: 8.31*

**2021 - 2025**

*Hyderabad, Telangana*

### Sri Chaitanya Junior College

*Intermediate; 7.94%*

**2019 - 2021**

*Hyderabad, Telangana*

### Krushi High School

*SSC; CGPA: 8.7*

**2018 - 2019**

*Hyderabad, Telangana*