

SANDHYA PIDISHETTY

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PROFESSIONAL SUMMARY

Software Developer (Entry-Level) with strong foundations in Java, backend development, and problem-solving. Experienced in designing RESTful APIs and building scalable backend applications using Spring Boot, MySQL, and MVC architecture. Skilled in developing efficient system workflows and integrating APIs, with additional experience in Python-based automation and backend problem-solving.

EDUCATION

B.Tech in Computer Science, Sumathi Reddy Institute Of Technology for Women, Warangal 2023-27(Expected)
CGPA: 8.2/10

Intermediate (MPC), TS MODEL JR COLLEGE, TELANGANA 2021-2023
Percentage: 92

SKILLS

Programming:	Java, Python, C, C++
Web Development:	HTML, CSS, JavaScript
Backend Development:	Spring Boot, REST APIs, MVC Architecture
Database:	SQL, MySQL
Libraries/Frameworks:	Scikit-learn, NumPy, Pandas, Matplotlib
Tools:	Git, GitHub, Postman, VS Code, NLP (Basics)
Core Concepts:	Data Structures and Algorithms, OOP, DBMS, OS, Computer Networks, Software Engineering

EXPERIENCE

Full Stack Development Intern — Cognifyz Technologies (In Progress)

- Built a full-stack web application using Node.js and Express, reducing manual workflow effort by around 30%.
- Tested APIs using Postman and improved request-response handling.
- Created REST API endpoints and handled data processing.
- Collaborated with frontend components to integrate APIs and ensure smooth data flow.

PROJECTS

Smart Task Management System — Java, Spring Boot, MySQL

- Developed REST APIs for task creation, update, and tracking, improving efficiency by 30%.
- Executed CRUD operations with MySQL using Spring Data JPA, reducing manual effort by 35%.
- Designed backend using MVC architecture, improving maintainability and scalability by 25%.
- Validated API functionality using Postman to ensure reliable request-response handling.

Resume Screening System using NLP — Python, NLP, Scikit-learn

- Built an NLP-based resume screening system improving screening efficiency by approximately 60%.
- Applied text preprocessing and feature extraction to improve analysis accuracy by around 30%.
- Utilized TF-IDF and cosine similarity to generate candidate-job match scores with 85% consistency.
- Enabled skill extraction and missing-skill detection, reducing manual screening effort by nearly 50%.

CERTIFICATIONS & ACHIEVEMENTS

- IBM SkillsBuild – Use Generative AI for Software Development
- Cisco Networking Academy – Introduction to Modern AI
- HackerRank – Java (Basics)
- Team Lead – Smart Autonomous Agricultural Weeding Robot Simulation (Academic Project)
- Student Member – IEEE, participated in technical workshops and webinars