

Shivani Sonwane

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Professional Summary

Experienced in developing efficient, scalable solutions while optimizing performance and maintainability. Proficient in Java backend development, system design, and AI/ML applications. Currently leading a team of 7 developers, driving project execution and fostering collaboration.

Education

B.Tech in Computer Science & Engineering (AIML) Jun 2021 – Jun 2025 (Expected)

Keshav Memorial Institute of Technology, Hyderabad

CGPA: 8.4/10

Relevant Coursework: Algorithms, Data Structures, Machine Learning, AI, Web Development

Experience

Junior Software Developer Intern

Jan 2025 – Present

EPAM Systems, Hyderabad

- Developing software applications using Java, SpringBoot etc, improving efficiency by 25%.
- Implementing SOLID principles and design patterns, improving code maintainability by 20%.
- Collaborated with cross-functional teams, reducing bug resolution time by 40%.

Project Intern

Sep 2024 – Dec 2024

NRSC, ISRO, Hyderabad

- Enhanced SAR image quality using GANs, achieving a 30% improvement in image clarity.
- Conducted data visualization and EDA on datasets, improving processing efficiency by 20%.
- Conducted research on SAR image processing, improving clarity and reducing noise by 15%.

Teaching Assistant Intern

Aug 2022 – Sep 2022

Web Development for Clients in Ghana

- Assisted 15+ students with web development and debugging, resolving 60% of issues.
- Created and delivered 5+ learning materials, improving student understanding and engagement.

Projects

Diabetes Prediction System

- Built predictive ML models with SVM, Logistic Regression, and more, achieving 85% accuracy.
- Developed a Flask-based UI, improving user experience and efficiency by 25%.

Foodie Me - Java Project

- Developed backend functionalities for 50+ food items with a focus on efficient food item and cart management using Java and data structures.
- Implemented optimized algorithms, improving performance and response time by 30%.

Technical Skills

Programming: Java, Python, JavaScript

Web & Backend: HTML, CSS, Spring, Spring Boot, Flask, REST APIs, Microservices

Databases: MongoDB

AI & ML: Machine Learning, NLP, EDA, GANs

Tools: Git, VS Code, Jupyter Notebook

Certifications

- Java and Software Development : Sadhaka Program - **Epam**
- Data Science Masters - **PW Skills**