

Harshal Shirke

📍 Kirloskarvadi, Sangli ✉ shirkeharshal111@gmail.com ☎ +91-8208291518 in Harshal Shirke 🌐 arsh-111

Education

Walchand College of Engineering, Sangli
M.Tech in Computer Science and Engineering

Aug 2024 – May 2026

- GPA: 8.86/10

Rajarambapu Institute of Technology

B.Tech in Computer Science and Information Technology

Aug 2020 – May 2024

- GPA: 8.9/10

Skills

Languages: C, Python, Bash Scripting

Database: MySQL

Others: Linux, AWS, Docker, Kubernetes

Course Work: Advance Data Structure, High Performance Computing, Deep Learning, Data science

Contributions

Contributor

Remote

GirlScript Summer of Code

Feb 2022 – Jul 2022

- Collaborated with other contributors on open-source projects, generating new ideas and strategies
- Researched and organized facts and sources for project enhancements.
- Worked on image enhancement and its techniques

Experience

Software Engineer Intern

Pune

wvXcel IT Solutions Pvt Ltd

Jan 2024 – Jun 2024

- Designed dashboards using Power BI and conducted data processing for analysis
- Implemented a CI/CD pipeline for a web application using Jenkins, integrating SonarQube for code quality analysis
- Acquired hands-on experience with AWS services, including ECR, ECS, and EC2, for managing the deployment pipeline

Project Intern

Remote

Exposys Data Labs

Aug 2022 – Sept 2022

- Participated in a 4-week virtual project-based internship program
- Carried out data pre-processing and implemented Machine learning algorithm.
- Conducted research, compiled data, updated spreadsheets, and produced timely reports.

Projects

Graph-Based Social Network API — *Flask, Neo4j, Docker*

- Built a RESTful API using Flask with Neo4j for graph-based user interactions and posts.
- Analyze social network structures, predicting user relationships based on content similarity and sentiment aggregation.

Proctorpal :A virtual Proctoring Web App — *OpenCV, Python, AWS*

- Developed a virtual proctoring web application to maintain academic integrity in online education.
- Won institute-level Smart India Hackathon 2023.
- Received Seed Funding from the institute.