

Arman Amir Shikalgar

📍 Kolhapur, Maharashtra, India 416219

✉ armanshikalgar01@gmail.com

☎ 8793979556

🌐 arman-shikalgar

🔄 /Arman1263

📁 /Portfolio

PROFESSIONAL SUMMARYS

Python Developer specializing in AI-integrated applications and backend automation, with experience building REST APIs, LLM-powered tools, and database-driven web applications. Strong foundation in Python, SQL, and MongoDB with hands-on project experience in scalable and maintainable system design. Passionate about solving real-world workflow problems using automation and AI solutions.

TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, JavaScript
- **Frameworks:** Django, Django REST Framework, Streamlit
- **Databases:** MySQL, MongoDB Atlas
- **Tools:** Power BI, Excel, Git, Postman
- **Python Libraries:** PyMongo, Pandas, Numpy, Seaborn
- **Other:** REST API's, Ollama, Technical Documentation (Notion)

PROJECTS

PDF Chat Bot - AI-Powered PDF Interaction App | [Live Demo](#)

- Developed an AI-powered application enabling users to query and summarize PDF documents through conversational prompts — developed as part of a third-year academic mini project.
- Implemented LLM-based retrieval pipeline using LangChain and Google Gemini API for contextual document understanding.
- **Technologies:** Python, Streamlit, LangChain, Google Gemini API, Hugging Face.

Hostel Management System – Role-Based Backend SaaS Application | [Repository](#)

- Designed and developed a scalable role-based backend system for hostel administration supporting Admin, Warden, and Student workflows.
- Implemented secure authentication and authorization using JWT and role-based access control for user permissions.
- Built RESTful APIs for room allocation, complaint management, student records, and hostel resource management.
- **Technologies:** Python, Django REST Framework, JWT Authentication, Postman, Git.

Code Assistant - Powered by Deepseek Model and Ollama | [Notion Documentation](#)

- Built a locally hosted AI coding assistant using DeepSeek models through Ollama, enabling offline code generation and debugging support.
- Utilized **Deepseek-r1:1.5b & r1:3b models** for natural language understanding and code analysis.
- Optimized prompt handling to improve accuracy of code suggestions and explanation outputs.
- **Technologies:** Python, Streamlit, Ollama, Deepseek.

EXPERIENCE

Python Development Remote Internship | [CodSoft](#)

Jun 2024 – July 2024

- Developed modular Python solutions for real-world programming scenarios.
- Strengthened debugging, edge-case handling, and structured problem-solving skills.
- Practiced writing optimized and maintainable production-style code.

EDUCATION

Dr. J J Magdum college of Engineering, Jaysingpur

2023-2025

- Bachelor of Technology in Artificial Intelligence and Data Science.

CGPA: 7.0

- Honors Degree in AI & Data Science.

Institute of Civil and Rural Engineering, Gargoti

2020 – 2023

- Diploma in Computer Science Engineering.

76.60%

CERTIFICATIONS & ACHIEVEMENTS

- **Google Data Analytics** | Coursera | [Credential](#) (2024).
- **Runner-up:** Prompt Engineering competition at Annasaheb Dange College of Engineering (2025)
- **Delivered a technical seminar:** On Git and GitHub to peers in college (2024).
- **API Development:** Achieved [Postman API](#) Fundamentals Student Expert certification. (2025)