

KARAN GOBADE

IT Graduate | Python Developer | Software Developer | Software Tester

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PROFESSIONAL SUMMARY

Results-driven IT graduate with hands-on expertise in Python, Full Stack Development (FastAPI, Flask, Django), JavaScript, REST APIs, databases, and software testing. Demonstrated ability to build and deploy production-ready web applications and AI-powered tools, including conducting independent security audits. Quick learner with strong problem-solving skills seeking a Software Developer role.

TECHNICAL SKILLS

- **Languages:** Python, JavaScript
- **Frontend:** HTML5, CSS3, JavaScript
- **Backend:** Python, FastAPI, Flask, Django, SQLAlchemy
- **Databases:** MySQL, MongoDB, DBMS
- **Data Science:** NumPy, Pandas
- **Testing:** Manual Testing, Bug Tracking
- **Concepts:** DSA, OOP, Algorithms, Operating Systems, Computer Networks, Socket Programming, Network Security
- **Tools, Cloud & Deployment:** Git, GitHub, REST APIs, Postman, JSON, VS Code, Cloudinary, Oracle Cloud Infrastructure, Render, GitHub Pages
- **Other:** CLI Development, HMAC-SHA256 Request Signing, Binance API

WORK EXPERIENCE

Python Development Intern — QSkill (Squarcell Resource India Pvt. Ltd) — Jul 2026 – Aug 2026

- Selected for a virtual Python Development internship focused on learning, skill development, and hands-on experience.

Python Full Stack Developer Training — EduSkills Academy (AICTE) — Apr 2026 – Jun 2026

- Completed an intensive Python Full Stack Development program covering Flask, FastAPI, REST APIs, and frontend integration.
- Built and deployed web applications using a Python backend with HTML/CSS/JS frontend.
- Applied NumPy and Pandas for data handling and analysis within projects.
- Gained experience with database design using MySQL and MongoDB.

Cybersecurity Virtual Internship — Fortinet & EduSkills (AICTE Supported) — Jan 2024 – Mar 2024

- Acquired foundational knowledge in cybersecurity concepts and network security.
- Worked on simulated real-world threat detection and mitigation scenarios.
- Completed a 10-week Network Security Associate program.

KEY PROJECTS

Personal Blog Platform — 2026

- Production-deployed full-stack blogging platform built from scratch with Flask, featuring user authentication, rich content management, and cloud-based media handling.
- Went beyond a typical CRUD app by conducting a self-driven security audit and patching multiple real-world vulnerabilities.
- **Tech:** Python, Flask, Cloudinary, SQLAlchemy/MySQL, HTML/CSS/JS

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Personal Developer Portfolio — 2026

- Responsive personal portfolio website showcasing projects, skills, and professional background, built and deployed via GitHub Pages.
- Designed a clean, recruiter-friendly layout highlighting technical projects, certifications, and contact details in one place; optimized for fast loading and mobile responsiveness.
- **Tech:** HTML, CSS, JavaScript

[View Project](https://github.com/karangobade/portfolio) (github.com/karangobade/portfolio) | [Visit Site](https://karangobade.github.io/portfolio) (karangobade.github.io/portfolio)

Finance Tracker API — Apr 2026

- Developed a FastAPI backend for managing personal income and expense records.
- Implemented secure RESTful CRUD APIs with data validation and error handling.
- Designed efficient data models using MySQL with proper schema design.
- **Tech:** Python, FastAPI, REST API

[View Project](https://github.com/karangobade/finance-tracker) (github.com/karangobade/finance-tracker)

Bug Tracking System — Nov 2025

- Built a full bug lifecycle management system: report, assign, track, and resolve.
- Features include issue status, priority levels, comments, and a reporting dashboard.
- **Tech:** Python, Testing, MySQL

[View Project](https://github.com/karangobade/Bug-Tracking-System) (github.com/karangobade/Bug-Tracking-System)

Student Management System — Jan 2024

- Console-based Python + MySQL application with full CRUD operations, data integrity checks, and robust input validation.
- **Tech:** Python, MySQL, CRUD

[View Project](https://github.com/karangobade/student_management) (github.com/karangobade/student_management)

P2P File Sharing System — Oct 2025 – 2026

- Decentralized file transfer system using socket programming.
- Supports secure peer-to-peer transfer with connection management and data integrity checks.
- Findings published as research papers in IJIRT and IRJMETS (see Publications).
- **Tech:** Python, Networking, Security

AI Text Classification App — May 2026

- Built a sentiment analysis application using Python, PyTorch, and Hugging Face Transformers.
- Performs binary text classification (positive/negative) with transformer-based models.
- Demonstrates hands-on ML/NLP and model deployment skills.
- **Tech:** Python, PyTorch, Hugging Face Transformers, NLP

[View Project](https://github.com/karangobade/ai-text-classification-app) (github.com/karangobade/ai-text-classification-app)

Binance Trading Bot — 2026

- Built a CLI-based automated trading application using Python and the Binance Futures REST API.
- Performs Market, Limit, and Stop-Limit order execution on Binance Futures Testnet with HMAC-SHA256 request signing.
- Demonstrates hands-on API integration, financial systems, and modular software design skills.
- **Tech:** Python, REST API, CLI Development, Binance API, HTML/CSS, JavaScript

[View Project](https://github.com/karangobade/trading_bot) (github.com/karangobade/trading_bot)

PUBLICATIONS

SecureLine: End-to-End Encrypted Peer-to-Peer Messaging and File Sharing System — Mar 2026

- Published in the International Journal of Innovative Research in Technology (IJIRT), ISSN 2349-6002, Impact Factor 8.017, Volume 12, Issue 10.

[View Publication](https://ijirt.org/article?manuscript=193723) (ijirt.org/article?manuscript=193723)

SecureLine: Implementation and Performance Analysis of a Secure Peer-to-Peer Messaging and File Sharing System — Apr 2026

- Published in the International Research Journal of Modernization in Engineering Technology and Science (IRJMETS), Volume 08, Issue 04.

[View Publication](https://www.irjmets.com/upload_newfiles/irjmets80400249127/paper_file/irjmets80400249127.pdf) (www.irjmets.com/upload_newfiles/irjmets80400249127/paper_file/irjmets80400249127.pdf)

CERTIFICATIONS

- **Cloud & Database:** Oracle Cloud Infrastructure 2025 – Certified Foundations Associate (May 2026); MongoDB Overview: Core Concepts and Architecture, MongoDB Inc. (Dec 2025)
- **Quality Assurance & Cybersecurity:** Network Security Associate, Fortinet & EduSkills/AICTE (Mar 2024); Introduction to Software Testing, Simplilearn SkillUp (Feb 2026)
- **Python, Data Science & Web Frameworks:** NumPy & Pandas – Data Analysis with Python, Simplilearn SkillUp; Django Skill Up, GeeksforGeeks Nation SkillUp Program; Data Structures & Algorithms in Python, Simplilearn (Dec 2025); Python Programming, Reliance Foundation/Skill India Digital Hub (Aug 2025); Vibe Coding Course, Simplilearn SkillUp (Feb 2026); JavaScript for Beginners, Simplilearn SkillUp (May 2026)
- **Artificial Intelligence & Machine Learning:** Computer Vision App with Azure Cognitive Services, Microsoft/Coursera (Aug 2025); Prompt Engineering with GitHub Copilot, Microsoft & Simplilearn (Nov 2025); Code Generation with Generative AI, Simplilearn SkillUp (Feb 2026); Generative AI for Beginners, Simplilearn SkillUp (Oct 2025)
- **Workplace & Professional Development:** Digital Productivity, NIIT Foundation & UNICEF/YuWaah! Initiative (Jul 2024)

EDUCATION

B.Tech – Information Technology, Nagpur Institute of Technology, Nagpur (7.5 CGPA) — 2023 – 2026

Diploma – Computer Science & Engineering, V.A.P. Mahavidyalaya, Almala, Ausa (Score: 73%) — 2021 – 2023

Secondary School (Class X), Shri Shivaji High School, Latur (Score: 80%) — 2020