



Nachiket Bhagaji Shinde

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Objective

Aspiring Software Developer skilled in AI/ML, Generative AI, and backend systems. Passionate about building scalable, intelligent solutions for real-world challenges.

Technical Skills

Programming: Python, C, Java

Frameworks & Libraries: Flask, OpenCV, DeepFace, Scikit-learn, NumPy, Pandas, LangChain, LangGraph

Databases: SQL, MongoDB

Tools: Git, GitHub, Postman, Docker

Experience

Software Developer – Mountreach Solutions

June 2025 – Present

- Worked on AI/ML backend projects focusing on automation and scalability.
- Designed and implemented an agnostic chatbot system adaptable to multiple domains.
- Collaborated with cross-functional teams to deliver robust backend services.

Freelancing

AI Developer – KodeNeurons

- Built AI projects including a Facial Recognition Voting System, Price Comparison Tool, and AI-powered 3D Floor Plan Generator.
- Focused on backend development, automation, and scalable intelligent solutions.

Projects

Facial Recognition Voting System

- Developed a secure voting system using Flask (Python) backend and React frontend with end-to-end encryption.
- Integrated OpenCV and DeepFace for real-time facial recognition with robust identity verification.
- Implemented role-based access control and optimized MongoDB database for secure data management.

PyCodeML

- Published a Python package on PyPI automating ML model training and evaluation with Scikit-learn, Pandas, and NumPy.
- Designed modular APIs supporting hyperparameter tuning and reproducibility across datasets.
- Integrated CI/CD pipeline, version control, and documentation for community adoption.

Sentify

- Built a full-stack Flask app with DeepFace for real-time emotion detection and classification from images.
- Designed Flask APIs and backend logic to recommend personalized activities, improving user engagement.

Education

CSMSS Chh. Shahu College of Engineering, Chh. Sambhajinagar
B.Tech. in Computer Science and Engineering (DBATU, Lonere)

CGPA: 7.50/10 (till 6th sem)
2022–26

Prabhat Secondary and Higher Secondary School, Nidhona
HSC (Maharashtra State Board)

79.67%
2021–22

Shri Sant Savta Gurukul, Phulambri
SSC (Maharashtra State Board)

87.60%
2019–20

Certifications

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|---|-----------------------------------|
| IIT Kharagpur – NPTEL: DBMS, C Programming, Java, Compiler Design | View Certificates |
| IIT Madras – NPTEL: Design and Analysis of Algorithms | View Certificate |

Achievements & Leadership

- Awarded **NPTEL Discipline Star** (Top 1% across multiple IIT courses). [\[Certificate\]](#)
- Served as Event Incharge at **INNOHACK Hackathon**, CSMSS COE.

Publications

- Nachiket Shinde, Shankar Magre. **“PyCodeML: An Automated Machine Learning Model Selection Framework.”** Accepted at *NCISET 2025 – National Conference on Innovation in Science, Engineering and Technology*.