

# Nachiket Bhagaji Shinde

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## Objective

Aspiring Software Developer passionate about building intelligent backend systems. Seeking to leverage skills in AI/ML, Generative AI, and automation to develop scalable 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

Jan 2025 – Present

- 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 SQL 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 REST 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

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

## Publications

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- 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*.