Nachiket Bhagaji Shinde

✉ nachiketshinde2004@gmail.com   in linkedin.com/in/nachiket-shinde2004   ⌗ github.com/Nachiket858
Contact: +91-8766055949

Professional Summary

AI/ML and backend-focused Software Developer with hands-on experience in building intelligent and data-driven applications. Skilled in machine learning workflows, Python-based automation, and scalable backend systems using Flask, vector databases, and CI/CD.

Technical Skills

Programming Languages: Python, Java, C
Frameworks & Libraries: Flask, TensorFlow, Scikit-learn, Pandas, NumPy, LangChain, LangGraph, Django
Databases: MySQL, SQLite, MongoDB, PostgreSQL, Qdrant
Developer Tools: Git, GitHub, Docker, Postman, Jira

Projects

Arjuna – AI-Powered College Chatbot   GitHub Repo
Flask, Gemini API, LangGraph, Qdrant, SQLite, Tailwind CSS

- Built an end-to-end college chatbot using LangGraph & Gemini API for autonomous academic/admin query responses.

- Integrated stateful conversation, role-based access control, and Qdrant vector search.

- Improved student query resolution efficiency by **80%**.

PyCodeML – Automated ML Model Selector   PyPI Package
Python, Scikit-learn, Pandas, NumPy

- Published a Python library that automates model training, tuning, and scoring.

- Supports regression & classification with reproducible experiment setup.

- Implemented CI/CD + documentation for public use.

Sentify – Emotion Detection & Activity Suggestion   GitHub Repo
Flask, DeepFace, OpenCV

- Developed a real-time emotion detection system using DeepFace and OpenCV.

- Designed REST APIs for personalized recommendations based on detected mood.

Education

CSMSS Chh. Shahu College of Engineering, Chh. Sambhajinagar   CGPA: 7.53/10
B.Tech. in Computer Science and Engineering (DBATU)   2022–26

Prabhat Secondary and Higher Secondary School, Nidhona   79.67%
HSC (Maharashtra State Board)   2021–22

Shri Sant Savta Gurukul, Phulambri   87.60%
SSC (Maharashtra State Board)   2019–20

Certifications

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

Achievements

- Awarded **NPTEL Discipline Star (IIT Certified)** for securing top performance across multiple courses.

Publications

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