

NACHIKET BHAGAJI SHINDE

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Summary

AI/ML Engineer with experience in building machine learning pipelines, intelligent automation systems, and LLM-powered applications. Skilled in prompt engineering, semantic retrieval (RAG), and developing scalable backend solutions. Strong ability to solve logical problems using data and convert business requirements into practical AI-driven systems.

Technical Skills

Programming: Python, Java, C

Machine Learning: Scikit-learn, TensorFlow, Regression, Classification

Generative AI: RAG, Large Language Models, Prompt Engineering, LangChain, LangGraph

LLM Tools: Claude Code, OpenAI APIs, Gemini APIs

Frameworks: Flask, FastApi

Databases: MongoDB, MySQL, SQLite, Qdrant

Tools: Docker, Git, Postman, CI/CD

Experience

Associate Developer Intern

Jan 2026 – Present

Idyllic Services

- Developing an AI-based Recruiter Automation Suite to streamline hiring workflows.
- Built pipelines to collect, filter, and rank candidate profiles using rule-based and semantic methods.
- Designed candidate scoring and shortlisting logic based on skills and role-fit criteria.
- Implemented automation workflows to reduce manual intervention in recruitment processes.

Software Developer

June 2025 – Dec 2025

Mountreach Solutions (Remote)

- Mentored students in building AI/ML and full-stack applications.
- Guided implementation of machine learning pipelines including preprocessing, training, and evaluation.
- Provided support for backend API development and integration of ML systems.

Projects

AI Interview Coach – Intelligent Interview Platform

2025

Flask, LLMs, Prompt Engineering

- Objective: Generate personalized interview questions based on resumes and job descriptions.
- Approach: Designed prompt engineering workflows to control LLM responses and evaluation logic.
- Result: Enabled structured feedback generation for interview preparation.

Arjuna – Context-Aware Chat Assistant

2025

Flask, Qdrant, LangGraph

- Objective: Improve chatbot response relevance and reduce incorrect outputs.
- Approach: Implemented semantic retrieval (RAG) with vector search and prompt-controlled responses.
- Result: Improved answer precision and contextual understanding.

PyCodeML – Automated Model Selection Framework

2024

Python, Scikit-learn

- Objective: Automate selection of best-performing ML models for predictive tasks.
- Approach: Implemented multiple regression models with evaluation metrics and comparisons.
- Result: Simplified model selection process and improved prediction performance.

Achievements

- NPTEL Discipline Star — IIT Certified for academic excellence.
- Research paper on PyCodeML accepted at NCISSET 2025.

Education

B.Tech. in Computer Science and Engineering

Aug 2022 – June 2026

CSMSS Chh. Shahu College of Engineering

CGPA: 7.53 / 10