

Atharv Shewale

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SUMMARY

- AI/ML student with strong Python skills and applied experience in quantitative indicators, automated trading logic, and model-driven decision systems.
- Skilled in ML pipelines, computer vision, backend engineering, and deployment workflows.
- Building **Odyssey**, a systematic forex engine using 16 indicators, risk-modelling, and backtesting across regimes.

EDUCATION

Kolhapur Institute of Technology's College of Engineering, Kolhapur 2023–Present
B.Tech in Computer Science (AI & ML) CGPA: 9.3/10

TECHNICAL SKILLS

- **Programming:** Python, Java, C
- **Markets & Quant:** Indicators, trend analysis, backtesting, volatility modelling
- **ML/CV:** Scikit-learn, YOLOv8, OpenCV
- **Tools:** Pandas, NumPy, Matplotlib, Streamlit, Git, Postman
- **Web Engineering:** Node.js, Express.js, React, MongoDB

PROJECTS

Project Odyssey — Automated Forex Trading System

Algorithmic Trading

- Built rule-based FX engine using **16 indicators** (RSI, MACD, EMA, ATR, Stochastic).
- Designed trend logic, stop-loss automation, and risk–reward modelling.
- Implemented backtesting to analyze performance and regime behaviour.

Skin Analyzer

Deep Learning

- CNN classifier for skin condition categories (pigmentation, acne, allergies).

MovieCon — Recommender System

Machine Learning

- Cosine similarity-based recommender with Streamlit UI deployment.

Back To Campus

Full-Stack (MERN)

- Developed REST APIs for alumni workflows, donations, and resource sharing.

CERTIFICATIONS

- Machine Learning — FreeCodeCamp
- Deep Learning Specialization — Coursera (In Progress)

ACHIEVEMENTS

- 1st Place — Project-Based Learning Competition
- Finalist — ML and Coding Contests
- Participant — National Engineering Challenge (IIT Bombay)

LEADERSHIP & EXTRACURRICULAR

- **E-Cell KITCOEK:** Documentation Associate — supported entrepreneurship events, created workflows, and coordinated execution.
- **Team Mavericks:** Core Team Member — handled documentation and engagement for 300+ student outreach initiatives.