

SAHIL KEWAT

Software Engineer | AI/ML Enthusiast | Data Analyst
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EDUCATION

G. H. Rasoni College of Engineering and Management, Pune

B.Tech in Information Technology | CGPA: 8.6 | 2023 – 2027

SKILLS

Programming: Python, SQL, JavaScript, Data Structures, Algorithms

Machine Learning & Data Science: Machine Learning, Deep Learning, Supervised Learning, Statistical Analysis, Feature Engineering, Model Evaluation

Libraries & Frameworks: NumPy, Pandas, Scikit-learn, TensorFlow / PyTorch

Databases: MySQL, PostgreSQL, Cassandra, Firebase, Supabase

Tools & Technologies: Git, REST APIs, Web Scraping

Specialized Domains: NLP, Blockchain, Web3

CERTIFICATIONS / COURSES

Data Science & Machine Learning – Coding Ninjas

Python for Data Science & ML – Udemy

Advanced SQL & Database Systems – Udemy

PROJECTS

Octopy – Automated ML Model Evaluation Tool | Dec 2025

- Built an end-to-end ML pipeline in Python for training, evaluation, and comparison of multiple models
- Automated evaluation metrics (accuracy, precision, recall, F1-score) and report generation, reducing manual effort by ~70%
- Implemented preprocessing and feature engineering pipelines using Pandas and NumPy

NyayaSetu - Blockchain Based Whistleblower System | Feb 2026

- Built a decentralized platform using Ethereum and IPFS for secure, anonymous evidence submission
- Implemented smart contract-based access control and tamper-proof data validation

The Monitor – Market Intelligence Platform | Mar 2026

- Built an NLP-based system to convert global news into structured financial signals
- Implemented vectorization and embedding-based pipelines to map events to market impact
- Designed a real-time dashboard with streaming data and interactive visualization

CottonX – Autonomous AI Agent Infrastructure for On-Chain Finance | Apr 2026

- Built a multi-agent AI system enabling autonomous on-chain execution using NLP-based intent parsing and LLM-driven decision making (agentic AI architecture)
- Designed and orchestrated specialized agents for trading, risk analysis, smart contract interaction, and portfolio management across EVM-compatible blockchains
- Implemented real-time monitoring, audit logging, and non-custodial permissioning, ensuring secure and transparent execution of financial operations

ACHIEVEMENTS

- **Winner, ABJA 2025** – Led software integration team for autonomous vehicle system (AEB, ACC, LKA)
- **10x Hackathon Finalist** – Selected among top teams across national-level competitions