

MAHIR MAKAR

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SUMMARY

B.Tech Computer Science student at Government Engineering College, Jaipur with hands on experience building scalable machine learning pipelines, backend, and AI powered real time applications using Python, FastAPI, Flutter, and Scikit-learn. Skilled in applied machine learning, fraud detection, intelligent automation, and cross-platform software development with strong interest in scalable AI systems, and production-ready intelligent applications.

EDUCATION

B.Tech in Computer Science & Engineering, Government Engineering College, Jaipur

Aug '23 – May '27

Relevant Coursework: Machine Learning, Artificial Intelligence, Data Structures & Algorithms

CGPA: 8.90

EXPERIENCE

Android App Development Intern @Centre for Electronic Governance (CEG), Jaipur

Jun '25 – Jul '25

- Developed responsive cross platform Android applications using Flutter and Dart with responsive UI components.
- Designed and integrated end-to-end apps workflows ensuring seamless user experience across all multiple devices.
- Collaborated on backend integrations, state management, and performance optimization for all real-time features.

Industrial Trainee – Machine Learning & IoT @MIIC, MNIT Jaipur

Jul '24

- Completed industry focused training in ML and IoT with practical exposure to predictive analytics and real data.
- Worked on data preprocessing, feature engineering, and deployment-oriented ML for industrial ready, use cases.

PROJECTS

ML Mule Account Detection System - Fraud Detection using LightGBM/XGBoost | [GitHub](#)

- Built a fraud detection pipeline on large scale financial datasets for mule account classification & fraud detection.
- Engineered 180+ behavioural and transactional features using preprocessing pipelines and feature extraction tech.
- Developed a LightGBM and XGBoost ensemble models achieving 0.983 AUC for high accuracy fraud detection.

Samwaad AI – AI-Powered Meeting Intelligence Platform | [GitHub](#)

- Built a real-time AI platform enabling transcription, summarization, sentiment analysis, and action-item extraction.
- Integrated Google Speech-to-Text and Gemini AI for speaker diarization and meeting intelligence workflows.
- Automated integrations with Google Calendar and SendGrid to streamline post-meeting productivity & workflow.
- Developed scalable backend APIs and real-time process workflows for collaborative meeting intelligence systems.

AI-Driven Finance Management App | [GitHub](#)

- Developed cross-platform personal finance app for expense tracking, spending visualization, & AI-driven insights.
- Designed responsive dashboards and analytical visualizations to improve financial tracking and user experience.

ACHIEVEMENTS AND SKILLS

- Secured 5th Rank at Sphinx'25, a National-Level Hackathon at MNIT Jaipur, for innovative AI-driven solutions.
- Awarded Certificate of Appreciation at MUJ HackX 3.0 for technical innovation and rapid prototyping execution.
- Recognized in the National Fraud Prevention Challenge (NFPC) for AI-powered fraud detection solutions.
- **Technical Skills** - Python, C++, Flutter/Dart, Firebase, Git, Numpy, Pandas, Scikit-learn, FastAPI, ML & DL.

CERTIFICATIONS

NVIDIA - Applications of AI for Anomaly Detection | NPTEL IIT Kharagpur — Programming in Modern C++ | Stanford Online & DeepLearning.AI - Machine Learning Specialization | DeepLearning.AI - Neural Networks and Deep Learning | Google & Kaggle - 5-Day AI Agents Intensive Course | LinkedIn Learning - Building Computer Vision Applications with Python | Python for Data Visualization | Using Python for Automation