JEELCHANDEGRA

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SUMMARY

Mobile App Developer skilled in Flutter, React Native, and Node.js,Firebase with experience building scalable apps and integrating REST APIs. Passionate about clean architecture, AI/ML integration (including RAG-based systems), and delivering smooth, high-performance user experiences.

EXPERIENCE

ML intern
BrainyBeam Technologies

📍 Ahemdabad

- Explored core ML concepts including supervised/unsupervised learning, model training, and evaluation
- Gained hands-on experience with Python, NumPy, pandas, scikit-learn, and basic ML algorithms like Linear Regression and KNN

EDUCATION

BCA
Atmiya University

📅 08/2020 - 05/2023 📍 Rajkot, Gujarat

MCA
Atmiya University

📅 08/2024 - 05/2026 📍 Rajkot, Gujarat

KEY ACHIEVEMENTS

🪄 **1st Runner-Up – Mission Blackout Cyber Treasure Hunt**

Secured 2nd place in a CTF-style cybersecurity competition focused on problem-solving, digital forensics, and ethical hacking challenges

SKILLS

Flutter   Dart   Google Firebase

REST   Python   React Native

Forensics   C/C++   Java

Node.js

PROJECTS

Adaptive Quiz Engine

AI-powered adaptive learning platform using Flutter, Firebase, and Google Gemini AI with Item Response Theory for personalized difficulty adjustment.

- IRT algorithms with Bayesian theta estimation for real-time ability tracking
- RAG pipeline with PDF processing for document-based contextual learning
- Ideal for competitive exam prep and academic testing

Hackathon Buddy

Developed a networking application featuring swipe-based user discovery and real-time collaboration for software developers.

- Built a cross-platform Flutter app to help users find hackathon teammates using a Tinder-style swipe UI
- Features include real-time chat, follow/unfollow system, search & filter options, and posting functionality
- Integrated Firebase for backend services and DiceBear API to generate dynamic profile avatars.