



NIKHIL DAMAHE

👤 Profile

Aspiring Developer with problem-solving skills. Passionate about Web Dev, ML, and Competitive Programming. Experienced in developing real-world projects, including a Fake Account Detection system using ML and NLP. Eager to learn new technologies and contribute to innovative solutions.

💼 Projects and Extracurriculars

BYOD Zero Trust Secure Workspace

2025

- Built a secure React + Flask app with an isolated encrypted drive, client-side AES-GCM decryption, role-based access, DLP restrictions (no download/copy), and remote wipe — ensuring Zero Trust security while preserving employee privacy.
- Added real-time activity monitoring using ML models inside the secure drive, ensuring employee privacy by not monitoring personal files..

Paper Presentation at IEEE International conference

2025

- Presented a paper at ICEC2NT 2025 – an IEEE International conference on Electronics, Computing and Communication at DY PATIL College , Pune
- My paper presents a comparative analysis of emerging Beyond-5G technologies — NOMA, RIS, Terahertz communication, and mmWave-MIMO.

Fake Social Media Account Detector

2025

- Built an ML-based app to detect fake accounts using Random Forest & NLP.
- Technologies Used - Scikit-Learn, TensorFlow, Pandas, NumPy and NLP
- Developed a Streamlit UI allowing CSV-based batch detection.
- GitHub: github.com/NIKH320/fake-account-detector

College Projects

2024

- 45

- Currently working on Face detection door lock using ESP32 cam module
- Mini projects – Fridge door alarm circuit and Electric Piano

Blockchain-Based Flight Insurance Platform

2025

- Developed a decentralized flight insurance system using blockchain to automate compensation for flight delays and cancellations
- <https://github.com/NIKH320/flight-insurance-dapp/tree/main>

📖 Achievements & Certifications

- Winner of HackOn'25, a hackathon organized by GCOEN, Nagpur.
- Finalist at CyberHack'25 , a national level hackathon organized by Maharashtra Police at IIM Nagpur
- Finalist at Hackronyx'25, a national level hackathon
- Generative AI, Frameworks, Tool and Real World Apps (RBUCON'25)

Education

B.Tech in Electronics and Communication

Shri Ramdeobaba College of Engineering and Management , Nagpur
Pursuing (2023-27)
CGPA – 9.7

Secondary Education

Ryan International School
Higher Secondary Education
R.J. International Jr. College

Technical Skills

- Programming Languages:**
Java, C
- Web Development:** HTML, CSS, React, Node.js
- Data Structures & Algorithms:**
LeetCode, HackerRank

Soft Skills

- Critical Thinking
- Problem-Solving
- Collaboration & Teamwork
- Deterministic