

# Dharmesh Raikwar

Roll No.: 221ME117

Bachelor of Technology

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🔗 [GitHub Profile](#)

🌐 [LinkedIn Profile](#)

## EDUCATION

•National Institute of Technology Karnataka, Surathkal

Mangaluru, India

*B.Tech in Mechanical Engineering (Minor in Information Technology)*

2022 – 2026

## EXPERIENCE

•OSINT Ambitions

Full-Stack Developer Intern

[Profiler.me](#)

Remote

- Led the development of **90% of company applications** using **Next.js**, **React.js (Vite)**, and the **MERN stack**, integrating **30+ external APIs**.
- Delivered **25+ high-performance web projects**, optimized for responsiveness and Lighthouse metrics.
- Built [Profiler.me](#), a unified OSINT platform combining **20+ digital investigation tools** under one interface.
- Engineered a robust Stripe-based payment system processing **10,000+ monthly transactions** with **zero failures**, integrated with **Auth0 authentication**.
- Resolved critical **MongoDB query bottlenecks**, enhanced API throughput, and mitigated a real-world **DDoS attack**, boosting system reliability.

## PERSONAL PROJECTS

•[NeuroHub: AI Codebase Assistant](#) (LangChain, Gemini API, GitHub API, Firebase, AssemblyAI)

- Built an AI-powered platform for collaborative code understanding using RAG and GitHub repo integration.
- Enabled contextual Q&A and code summaries via **LangChain**, embeddings, and **Gemini AI**.
- Added meeting transcription & query support using **AssemblyAI**; integrated usage tracking with **Stripe**.
- Handled private repo access via GitHub tokens; used **Firebase** for file uploads.

•[VaultMind](#) (Python, Scikit-Learn, SHAP, NLG, Pandas)

- Developed an ensemble-based credit risk assessment model to predict bankruptcy in financial institutions.
- Achieved **96.6% accuracy** and **99.6% ROC AUC** using a Voting Classifier combining Logistic Regression, XGBoost, and Random Forest.
- Used **SMOTE** to resolve data imbalance and improve generalization on distressed financial cases.
- Employed **SHAP** and **NLG** for explainable insights, improving model transparency for analysts.

•[Imagify: AI Image Editing SaaS](#) (Next.js, MongoDB, Cloudinary, Stripe, Clerk, Spline)

- Built a full-stack platform for real-time AI image editing (e.g., background removal, recolor, object eraser).
- Deployed 4+ tools with fast rendering and high accuracy; served 500+ active users.
- Integrated **Stripe** for payments, **Clerk** for auth, and immersive 3D UI using **Spline** (25% engagement boost).

•[AI Form Builder](#) (Next.js, Tailwind CSS, Gemini AI, Stripe, Clerk)

- Built an AI-driven dynamic form builder capable of generating layouts for diverse use cases.
- Integrated Gemini API for intelligent form generation; deployed on Vercel with 99.9% uptime.

## TECHNICAL SKILLS

- **Languages:** C++, JavaScript, TypeScript, Python
- **Frameworks:** Next.js, Node.js, Express.js, React.js
- **Libraries & Tools:** C++ STL, Tailwind CSS, Framer Motion, LangChain, Gemini API
- **Cloud & DevOps:** Docker, Vercel, Railway
- **Databases:** MongoDB, MySQL, PostgreSQL, Prisma
- **Developer Tools:** Git, GitHub, VS Code, Postman, Stripe, Clerk, Cloudinary, Spline, Auth0
- **Machine Learning:** Scikit-Learn, Keras, TensorFlow, OpenCV, Transformers, Hugging Face
- **Generative AI:** Prompt Engineering, Large Language Models (LLMs), RAG (Retrieval-Augmented Generation), LangChain, Gemini API, Hugging Face Transformers, Fine-tuning

## ACHIEVEMENTS & LEADERSHIP

- **Codeforces:** Pupil (1200+) **LeetCode:** Rank 1797/36,727 in Biweekly Contest 138
- **Runner-up – Unidao Blockchain Contest 2025:** Led frontend ( 60%) for responsive decentralized app
- **2nd Place – Praelium CP Competition 2024:** Ranked top 3 in IEEE NITK's flagship coding contest
- **Web Master – BAJA NITK Racing:** Built official website; improved engagement by 90%
- **Head of Media – IEEE NITK:** Directed 90% of media; led comms for 300+ members
- **Event POC – Eureka (Tech Fest):** Handled logistics, team coordination stakeholder communication