

Abhishek Mohanty

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EDUCATION

HKBK College of Engineering

Bachelor of Engineering in Computer Science and Engineering — 8.68

Bengaluru, IN

Aug 2022 – Present

Relevant Coursework: Data Structures & Algorithms, Theory of Computation & Automata, Operating Systems, Computer Networks, Object-Oriented Programming, Database Management Systems, Big Data Analytics, Machine Learning

EXPERIENCE

Unimad

Full Stack Developer Intern

Remote

Oct 2025 – Present

- Built a job application board from the ground up, implementing intuitive flows and improving application completion rates by 24%.
- Enhanced resume builder templates and resolved major UX issues across the editor, cutting user friction and reducing error occurrences by 31%.
- Converted high-fidelity design files into production-ready interfaces, improving design accuracy and visual consistency by 26%.
- Revamped key UI sections through layout modernization and component restructuring, resulting in a smoother experience and a 21% increase in overall usability.

Metrograsp Technology Private Limited

Bengaluru, IN

Design Engineer Intern

Nov 2024 – Jun 2025

- Spearheaded the end-to-end design and rollout of Metrograsp's unified brand identity and design system, ensuring consistency across 4+ product lines.
- Created UX flows and prototypes for health and wellness products tailored to the Indian market, optimizing for cultural relevance and usability.
- Drove the launch of a new sub-brand, contributing to a 40% increase in digital engagement in the first quarter post-launch.
- Facilitated cross-functional alignment between design, engineering, and product teams to ensure brand integrity and user-centered decision-making.

PROJECTS

AquaAware India – Real-Time Water Quality Monitoring Platform

Jul 2025 – Present

Built a full-stack web platform using **React + TypeScript** and **Express** to monitor real-time water quality across 8+ Indian cities. Enabled 300+ users to report pollution incidents and visualize trends via interactive maps and dashboards.

TECHNICAL SKILLS

Languages

TypeScript, JavaScript, Python, Java, Dart, C/C++, HTML, CSS, SQL

Front-end

ReactJS, Next.js, Astro, React Native, Flutter, Tailwind CSS, Expo, Shadcn

Back-end

Node.js, Express, Django, Flask, PHP, REST Framework

Databases & ORM

Prisma, Supabase, PostgreSQL, MongoDB, MySQL, Firebase

Version Control

GitHub, GitLab

Cloud

AWS, Google Cloud, Oracle Cloud

CI/CD Tools

GitLab CI/CD, GitHub Actions, Vercel, Render, Railway

Tools

Linux, Docker, Apache, Nginx, Cloudflare, Git, Postman, Figma

VOLUNTEERING

HKBK GNU/Linux Users Group (GLUG)

Free Software Movement Karnataka (FSMK), Bengaluru

Core Team Member

2023 – Present

- Organized Linux install fests, FOSS workshops, and interactive sessions on digital freedom and ethical computing for students.
- Helped grow the campus open-source community by coordinating outreach, mentoring peers, and collaborating with FSMK's state-wide initiatives.