# Ankush Khakale

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#### EDUCATION

## Matoshri College of Engineering

Nashik, India

Bachelor of Technology - Computer Engineering; GPA: 8.34

July 2024 - June 2028

Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases

#### SKILLS SUMMARY

• Languages: Python, JAVA, JavaScript, Bash, Markup Languages: HTML, CSS, LaTeX

React, Tailwind CSS, NodeJS, Bootstrap • Frameworks:

Kubernetes, Docker, GIT, Adobe Photoshop, Canva, Figma • Tools:

• Platforms: Linux, Web, Windows, Arduino, Raspberry, GCP

• Soft Skills: Leadership, Event Management, Writing, Public Speaking, Time Management

#### EXPERIENCE

#### Hackathon Participant - NEON GENESIS Team

Various Locations

Oct 2024 - Present

Front-End Developer (Full-time)

- $\circ\,$  Tech Stack: React, TypeScript, Tailwind CSS, Vite, Figma, Firebase, Vercel.
- o Key Projects: EnergySync: AI powered Renewable Energy Platform, BookBridge: Books Exchange Platform.
- o Impact: Led a cross-functional team in multiple national and college-level hackathons, focusing on innovative web-based solutions and improved UI accessibility using user-centered design principles.

#### Projects

- EnergySync AI Powered Renewable Energy Monitoring Platform: (Work in progress) Developed a real-time energy monitoring to help users track and optimize electricity usage. Tech: React, Firebase, Tailwind CSS, Vite, Figma (May '25)
- Neon Genesis Portfolio Website: Designed and developed the official team portfolio website for Neon Genesis, showcasing projects, team bios, and hackathon achievements. Tech: React, Tailwind CSS, GitHub Pages (April '25)
- Barcode-Based Attendance System (Hardware + Software Integration): Engineered a real-time attendance system using ESP32 barcode scanners with Firebase integration. Tech: ESP32, Arduino, Firebase, C/C++, HTML/CSS (March '25)

## CERTIFICATIONS & ACHIEVEMENTS

- o Google Cloud Skills Boost Cloud Foundations Track: Earned certification for completing foundational labs on cloud computing, IAM, and virtual machines.
- o Front-End Web Development Certification: Completed hands-on training in responsive design, modern UI frameworks (ReactJS, Bootstrap, Tailwind CSS).
- Cybersecurity from Scratch: Gained core knowledge in ethical hacking, threat modeling, and security protocols.
- Networking Fundamentals Netgear Academy: Acquired practical experience with routers, switches, and network configuration using Netgear tools.
- o MS-CIT Graduate: Completed the Maharashtra State Certificate in Information Technology program with distinction.

## Additional Information

- Languages English, Hindi, Marathi, learning Japanese.
- Content Creation & Media Skills Experienced video editor and content creator using Adobe Premiere Pro, CapCut, Canva. Regularly produced multimedia content for technical events and fests.
- Interests Passionate about cybersecurity, cloud computing, creative design, photography, and staying up-to-date with emerging tech trends.

#### Volunteer Experience

## Creative Lead at MTEC

Nashik, India

Led creative direction for 2+ college events, managing video editing, branding.

Feb 2025 - Present

## Social Media Marketing Lead at Ecell MCOERC

Nashik, India Oct 2024 - Present

Support campus entrepreneurship by organizing events and workshops.