

# Aksh Thakkar

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## Education

(PU) Parul University | 8.3/10

Jul 2023 – Present

Bachelor of Technology (BTech) | Computer Science & Engineering (CSE)

Course Work: Data Structures and Algorithms, OOPS in Java, Operating Systems, DBMS

## Experience

Ignite Incubation Center

Software Intern

Jun 2023 – Jun 2023

Ahmedabad, Gujarat

- Designed and prototyped a **Smart Campus Navigation** mobile app focused on real-world campus usability.
- Gained hands-on experience with **Flutter**, **Dart**, and **Figma** for mobile app UI/UX design.
- Played a key role in pitching the solution to judges and institutional heads, leading the team to **win Ideathon 2K23**.
- Contributed to user-flow design and live pitching during a startup-focused ideathon.

The One Technologies

Software Engineering Intern

Dec 2023 – Apr 2024

Ahmedabad, Gujarat

- Led the development of a full-stack mock **ERP system** using **MongoDB**, **React.js**, and **Node.js**.
- Built a **React + Vite admin dashboard** with role-based views, responsive UI, and real-time data.
- Integrated frontend components with backend APIs to support core ERP workflows.
- Applied **Git/GitHub** for version control, branch management, and team collaboration.

## Skills

**Technologies:** Python, JavaScript, HTML, CSS, React.js, Node.js, MongoDB, Java

**Cloud:** AWS (Foundations)

## Certifications & Achievements

**AWS Academy Graduate – Cloud Foundations**

[Credly Badge](#)

Covered AWS cloud architecture, core services, security fundamentals, and cost-aware design principles.

**Winner – Ideathon 2K23 (Startup Track):** Led the ideation, product design, and pitching of a **Smart Campus Navigation** startup concept, evaluated on innovation, feasibility, and market relevance by industry mentors and judges.

## Projects

ERP System (Full-Stack Web App)

[Live Demo](#)

- Built a production-ready **ERP system** for inventory, sales, billing, and analytics.
- Developed a secure **REST API** using **Node.js**, **Express**, and **MongoDB** with JWT-based authentication.
- Created a **React + Vite admin dashboard** with role-based views, responsive UI, and real-time data.
- Deployed the application using modern cloud hosting with a CI/CD-ready architecture.

**Technologies:** React.js, Vite, Node.js, Express, MongoDB, Redux, JWT

AI Image Classifier (Deep Learning Web App)

[Live Demo](#)

- Built an image classifier using **TensorFlow + MobileNetV2** (75% ImageNet accuracy).
- Enabled real-time predictions with **Streamlit + OpenCV**.
- Deployed a **Python-based ML application** with an interactive frontend.

**Technologies:** Python, TensorFlow, OpenCV, Streamlit, MobileNetV2

## Coding Profiles

[LeetCode](#) | [HackerRank](#) | [InterviewBit](#)