

Ayush Dadhaniya

📍 Ahmedabad — ayushdadhaniya05@gmail.com — ☎ +91 7573074545
[ayushdadhaniya](#) — [Ayush-Dadhaniya](#)

Summary

IT student with experience in software development, machine learning, and web development. Contributed to real-world projects for a leading power generation and distribution company in India. In addition, I worked with a cybersecurity company, where I developed intentionally vulnerable web applications as practical laboratories for aspiring ethical hackers. Looking for a software development role to apply my skills and continue growing professionally.

Education

Bachelor in Information Technology, LJ Institute of Engineering and Technology 2021 – 2025

- CPI: 8.6/10.0 [Oct 2024]

Experience

Core Developer May 2025 – Present
Barracks Technologies, Ahmedabad, Gujarat

- Spearheaded the development of a cybersecurity training platform offering realistic lab environments for aspiring ethical hackers.
- Created many intentionally vulnerable web applications to simulate real-world attack scenarios and help users practice vulnerability assessment and reporting.
- Enhanced learning effectiveness by 40% based on internal testing, leading to improved engagement and feedback from early adopters.

System Engineer Nov 2023 – Dec 2024
CEREBULB, GIFT City, Gujarat

- Contributed to projects for a leading organization ranked 3rd in India's power generation and distribution sector.
- Developed real-time data collection systems and dashboards using IoT sensors.
- Designed solutions that improved management efficiency by 15% and reduced maintenance delays by 20%.

Projects

Chillflick [chillflick.vercel.app](#)

- Built a watch party app enabling users to watch YouTube videos in sync and chat with friends in real-time.
- Tech Stack: ReactJS, Node.js, Socket.IO, Vercel

DoTrack - Task Management System [dotrack.vercel.app](#)

- Designed a task management platform where teams can create, assign, and manage tasks with admin controls.
- Tech Stack: ReactJS, Node.js, Express, PostgreSQL, Vercel

Chasko Coffee Stop [chasko-coffee-stop.vercel.app](#)

- Developed an online coffee shop platform with ReactJS frontend and Django backend.
- Tech Stack: ReactJS, Django, PostgreSQL, Vercel

DiagnosAI [diagnos-ai.vercel.app](#)

- Created a disease prediction platform based on a machine learning model trained on Kaggle data.
- Tech Stack: ReactJS, Django, Kaggle, Vercel

Technologies

- **Languages & Frameworks:** C/C++, Java, Python, JavaScript, ReactJS, Django, ExpressJS, NodeJS
- **Databases & Query Languages:** PostgreSQL, MySQL, SQL, MongoDB
- **Tools & Others:** Git, Vercel, Render, VS Code, Machine Learning

Certifications

- **Ethical Hacking Essentials (EHE)**, EC-Council *Jan 2025*
- **Employee of the month**, CEREBULB *Aug 2024*
- **Building Generative AI-Powered Applications with Python**, IBM *Oct 2024*
- **Algorithmic Thinking (Part 1)**, Rice University *Jan 2024*
- **Algorithmic Thinking (Part 2)**, Rice University *Jan 2024*
- **Exploratory Data Analysis for Machine Learning**, IBM *Jul 2023*
- **HTML, CSS, and Javascript for Web Developers**, Johns Hopkins University *Jan 2023*
- **Data Structures**, UC San Diego *Aug 2022*
- **The Structured Query Language (SQL)**, University of Colorado Boulder *May 2022*
- **C for Everyone: Programming Fundamentals**, UC Santa Cruz *Feb 2022*

Languages

English, Gujarati, Hindi