

Ayushman Kumar Singh

LinkedIn | GitHub | LeetCode
ayushmanks1845@gmail.com

EDUCATION

B.Tech Computer Science specialization in Cyber Security, VIT Bhopal University, GPA: 8.59/10.00

Sep 2022 — May 2026

12th Standard, Swaraj India Public School, Kanpur ISC percentage 81%

May 2022

10th Standard, Swaraj India Public School, Kanpur ICSE percentage 82%

May 2020

TECHNICAL SKILLS

Skills: HTML, CSS, Js, React, NodeJS, MongoDB, Python, SQL, PostgreSQL, MySQL, SQL Server Microsoft Excel, Git, GitHub

PROJECTS

Wanderlust: Full-Stack Stay Listing Web App

- Built a full-stack web application allowing users to explore, add, edit, and manage listings for beautiful places to stay, using the MERN stack architecture.
- Designed a responsive UI with HTML, CSS, and JavaScript, and implemented dynamic EJS templating to render listing pages.
- Developed RESTful routes and integrated MongoDB for persistent storage of property data using Mongoose ODM.
- Implemented listing CRUD operations with Express.js middleware for error handling, providing a seamless user experience.
- Structured the project with modular folders for static assets, templates, and models, ensuring clean code and easy scalability.

Mockly - Genai application

- Designed and developed MockLy, an AI-driven quiz platform that transforms study material into customizable mock tests.
- Engineered an automated MCQ extraction system, converting PDFs with MCQs into interactive quizzes for seamless exam practice.
- Developed AI-powered question generation, enabling students to create personalized mock tests from plain text study material.
- Implemented dynamic features like question shuffling, re-attempt tracking, and a detailed scoreboard, improving student performance analytics.
- Enhanced accessibility and affordability of mock testing, empowering students to prepare effectively without reliance on costly coaching institutes.

WORK EXPERIENCE

Front End Developer

Oct 2024 – Dec 2024

Gagahealth Private Limited 

- Integrated REST APIs into the front-end interface, improving the data synchronization speed by 40%.
- Designed and implemented a new user onboarding screen, reducing the sign-in time by 60% and improving user retention by 25%.
- Diagnosed and resolved over 15 UI/UX bugs, increasing visual consistency and user satisfaction across devices.
- Collaborated in a six-member team using Git for version control, maintaining a streamlined development pipeline with more than 95% successful merges.

ACHIEVEMENTS AND EXTRACURRICULAR

Fellow, MAD (Make A Difference) Fellowship – Lucknow Chapter

Mar 2025 — Present

Mentored students, facilitated educational funding, and supported community-driven impact initiatives.

Student Coordinator in Student Internship Program

Jan 2025 — Sep 2025

- Organized a Cyber Safety Hackathon with participation from over 350+ teams across multiple colleges. Successfully shortlisted the top 10 teams and conducted the final hackathon event.

Smart India Hackathon

Aug 2024 — Dec 2024

- Qualified in internal rounds, created AYUSH Startup portal registration website using MERN stack.

CERTIFICATIONS

- IBM GENAI using Watsonx Apr 2025
- Data Analyst Bootcamp Apr 2025
- EC-Council Certified Ethical Hacker(CEH) Dec 2024
- Coursera Google IT The Bits and Bytes of Computer Networking Dec 2023