Abhigya Sachdeva

Phone: +917357499947
Email: abhigya.sachdeva2024@nst.rishihood.edu.in

LinkedIn • Github • Codeforces • Leetcode • Personal Portfolio

PROFESSIONAL SUMMARY

Passionate about development and ethical hacking, with 500+ LeetCode problems solved. Skilled in Python, JavaScript, MySQL, with strong critical thinking and decision-making abilities. and Codeforces rating of 600+.

EDUCATION

Bachelor of Engineering (Data Science) 2025 - 2028
Newton School of Technology, Rishihood University Grade: 8.561/10.0

Intermediate (Class XII) 2022 - 2023
St.Xaviers Grade: 88.0%

Matriculation (Class X) 2020 - 2021
St.Xavier's Nevta Grade: 91.8%

PROJECTS

Whiteboard (Github) (Demo) April 2026

- **The Motivation** Noticed a gap for digital whiteboards that seamlessly turn rough sketches into professional visuals. I wanted to build a real-time, AI-driven workspace that bridges the gap between brainstorming and final design without technical friction.
- **The Implementation** Developed a full-stack app using **Next.js**, **Node.js**, and **MongoDB**. Integrated **Socket.io** for multi-user collaboration and leveraged **Hugging Face AI** on the backend for real-time sketch-to-image transformations.
- **The Result** Resulted in a production-ready infinite canvas with a premium glassmorphic UI. Strengthened my expertise in **WebSocket synchronization**, **AI pipeline integration**, and **containerized deployment** (Docker) on Vercel and Render.

QuickCommerce (Github) (Demo) June 2025

- This project started after observing how customers of a local dairy shop struggle to explore products and place orders efficiently. I wanted to solve this friction by bringing their physical catalog online with a modern, mobile-first e-commerce experience.
- Developed the platform using React and Next.js with JWT Authentication for secure admin access. Integrated a Node.js and MongoDB backend with Cloudinary to manage live inventory, and built a seamless WhatsApp checkout flow.
- The outcome was a smooth, user-friendly e-commerce platform focused on local accessibility and fast browsing. It improved my skills in full-stack integration, complex state

CERTIFICATIONS

AoC-2025 TryHackMe (Link) December 2025
Advent of Cyber 2025 — TryHackMe

- Successfully completed a 25-day cybersecurity challenge covering real-world security concepts
- Gained hands-on experience in areas such as threat detection, networking, cryptography, web security, and incident response
- Practiced analyzing attacks, identifying vulnerabilities, and applying defensive techniques in guided labs

SKILLS

Computer Language: CSS, HTML, JavaScript, Python, SQL, TypeScript
Soft Skill: Problem-Solving
Databases & Data Tools: Excel, MongoDB, MySQL, Spreadsheet, Tableau
AI / ML: GenAI, Generative AI, LangChain, LangGraph, RAG
APIs & Testing: Postman
Cloud & DevOps: Docker, Linux
Domain & Business Skills: Figma
Frameworks & Libraries: Express JS, Matplotlib, Matplotlib & seaborn, Next.js, Next JS, Node.js, NumPy, Pandas, React

EXTRA-CURRICULAR ACTIVITIES

- **Core Organizing Team Member – "Hack the Hunt"**: Worked as part of the **backend development team**, designing and implementing the backend systems required to run the event smoothly, including challenge handling and data flow.
- **Led and Organized Events during the "Go For Gold" Camp**, coordinating activities, managing participants, and ensuring successful execution of camp programs.