



Hardik Advani
 UG (IV Year II Semester)
 B.Tech. (Production and Industrial Engineering)
 Contact No: 8103806835
 Email: hardik_a1@me.iitr.ac.in
 Registration No: 22113055/2026

Indian Institute of
 Technology
 Roorkee



VERIFIED

Area of Interest

Full-Stack Development, Data Structures & Algorithms, Database Management

Education

Year	Degree/Examination	Institution/Board	CGPA/Percentage
2024	B.Tech. 4th Year	Indian Institute of Technology, Roorkee	7.845
2022	Intermediate (Class XII)	Sanskari Public School	95.00 %
2020	Matriculate (Class X)	Gwalior Glory High School	95.00 %

Internships

Technical Intern | Devnagri AI Pvt Ltd

February 2025 - June 2025

- Built **Agentools**, an AI tools directory with **10K+ listings**, using WordPress and custom CRM for data management.
- Engineered a RAG chatbot with LangChain and FastAPI, delivering personalized AI agents with an **2.5s** Avg response time.
- Drove the site adoption to **2,500+ views** on launch day, sustaining **50+** daily average visitors and **30+** chatbot runs.
- Redesigned website UI for improved usability, enhancing navigation speed by **30%** and reducing Bounce Rate by **20%**.

Software Developer Intern | Urja Analytics Private Limited

January 2025 - August 2025

- Built **ML-Sol.com**, a sunlight data visualization and penalty calculation platform serving for **25 states** and **50+ firms**.
- Designed an efficient Excel-to-JSON pipeline, processing **100K+** rows daily and enabling ML-driven penalty calculations.
- Deployed platform and ML model on **AWS EC2 with S3 Bucket**, ensuring **99.9%** uptime and **35% faster** processing.
- Integrated OpenMap APIs for accurate geolocation, mapping **10,000+ data points** and improving precision over **40%**.
- Implemented 3FA Authentication, Geolocation APIs, Razorpay Payment Gateway Integration, testing for Scrap data inputs.

Projects

Counselling Portal | Wellness Centre IIT Roorkee

January 2024 - April 2024

- Built a **ReactJS-Django** counselling portal handling **30+** daily appointment requests and concurrent multi-user bookings.
- Developed intuitive UI and RAG based AI chatbot, guiding users to the best counsellor and boosting engagement by **35%**.
- Enabled online/offline appointments with Google Calendar sync, cutting scheduling errors by **50%** and boosting efficiency.

CPU Scheduler | ACM IIT Roorkee

June 2024

- Implemented **7 CPU scheduling algorithms** (FCFS, RR, SPN, SRT, HRRN, FB, Aging) in C++ for accurate process results.
- Studied **100+** processes with varying burst time and priorities, analyzing turnaround time, waiting time, and CPU usage.
- Optimized scheduler comparisons, achieving **25%** reduction in avg waiting time and **30%** improvement in CPU efficiency.

VS Code Extension | Tinkering Labs, IIT Roorkee

December 2024 - January 2025

- Led the LeetCode X VS Code extension that fetches test cases and runs them locally, reducing context-switching by **70%**.
- Designed a test runner supporting C++, Python, and Java, allowing faster debugging and **30%** reduction in total runtime.
- Improved extension performance, achieving **<200ms** average test fetch latency for smooth, seamless real-time usage.

Credit Calling Agent | TechnoPedia, Rajiv Bhawan

June 2025 - August 2025

- Created an **n8n-based** automated credit calling agent, processing Excel files to parallelly call up to **100+ customers**.
- Integrated **Retell AI** for variable voice scripting and **Twilio** for number sourcing, ensuring personalized and reliable calls.
- Built a **ReactJS** frontend allowing users to submit files and track call outcomes, cutting follow-up time from **10m** to **2m**.

Awards / Scholarships / Academic Achievements

Manager | Events | Cognizance IIT Roorkee

January 2025 - May 2025

- Secured 3rd Prize in the Product Management Championship by Book My Mentor, competing among 500+ participants.
- Received 2nd Prize in the International Coding Challenge (ICC) held during Cognizance 2023.
- Received 3rd Prize in the event CyberSprint held during Cognizance 2023.

Positions of Responsibility & Extra Curriculars

Manager | Events | Cognizance IIT Roorkee

January 2025 - May 2025

- Successfully led and managed a dynamic team of **65+ executives and 120+ volunteers**, across **8** different verticals.
- Efficiently managed a **1.27Cr festival Budget**, made allocation of **60 lakhs prize money**, ensuring financial efficiency.
- Coordinated **75+** competitions, **25+** workshops, **10+** exhibitions, and **8** guest lectures, engaging **10000+** students.

Deputy Cell Secretary | Web Development Cell | National Service Scheme IITR

August 2023 - April 2024

- Mentored a team of **22+ members** in the full stack development of the Official NSS website with **AWS EC2** deployment.
- Resolved **50+ PR bugs**, ensuring seamless functionality, optimized performance and user experience for **2500+ users**.
- Executed full UI overhaul, reducing bounce rate by **25%** and boosting session duration by **40%** averaging all pages.

Coordinator | Institute Alumni Relations Cell IIT Roorkee

July 2024 - Present

- Collaborated with **200+ members** across **6** verticals, overseeing engagement with a network of **8000+ IITR alumni**.
- Led the college Class Song '24 with **1500+ students** participation, **20+ locations**, and a **50 thousand+ budget**.
- Organized **25+** events, including Mock Interviews with **1500+ participants** and **500+ alums** from **8** different domains.