Harsh

Roll No.: 230101055
Computer Science and Engineering
B Tech
Indian Institute Of Information Technology, Bhagalpur

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Education

Indian Institute of Information Technology Bhagalpur — *Aug 2023 – Jul 2027*
B.Tech in Computer Science and Engineering — **Grade**: 8.39 (absolute)

Kendriya Vidyalaya DRDO — *Apr 2022 – Mar 2023*
Class 12 (CBSE) — **Grade**: 91.6%

Technical Skills

Languages: Dart, C,TypeScript C++, Python, SQL
Frameworks: Flutter, Django, Node.js, Express.js, Firebase, Supabase
Tools & Cloud Services: Git, GitHub, Postman, Figma, Notion, Android Studio, VS Code, Cloudinary
CS Fundamentals: Data Structures, Algorithms, OOP, DBMS, OS, REST API, System Design

Work Experience

POP (by Razorpay) — *May 2026 – Present*
AI Design Technologist Intern — Bangalore , Karnataka

- Built an **AI e-commerce cataloging pipeline** using **n8n** and multimodal AI, automating image enhancement for **50,000+ products** with studio-quality outputs.
- Developed workflows for a **UI-to-Code platform**, generating **production-ready Kotlin code** from designs using a reusable component library, reducing manual effort by **60%**.
- Leading a **Concept-to-UI platform** using **LangGraph AI agents** to convert product briefs into **high-fidelity Figma screens**, with iterative critique and UX-driven refinement.

Kyrotics Pvt Ltd (Certificate) — *Jul 2025 – Dec 2025*
Flutter Developer Intern — Remote

- Led a team of **3 developers** to build a **DPDP-compliant**, hyper-secure document sharing app using **Flutter, Node.js, MongoDB, Socket.IO, blockchain**, architected from scratch with 500+ pilot users.
- Engineered a **stateful backend** with **WebRTC** signaling via Socket.IO and **hybrid AES+RSA encryption**, enabling **end-to-end P2P** file transfer with 45% lower latency and 0 cloud exposure.
- Established **Hive-based** local-first storage and **blockchain verified** audit trails.

Blue Rocket LLC (Certificate) — *May 2025 – Jun 2025*
SDE Intern — Dwarka, Delhi

- Seamlessly integrated **backend APIs** using **Dio** with clean Flutter UI to develop and launch **25+ production-ready AI tools** used by 10000+ active users.
- Architected the **MVVM architecture** with **Riverpod state management** to enhance **scalability**, **code reusability**, and maintainability.
- Collaborated with a team of 3 in a **fast-paced, real-world environment**, delivering **weekly releases**, resolving **user-reported bugs**, and ensuring a **smooth UX** across all devices, screen sizes, and themes.

Projects

DartGPT | *Flutter, Node.js, MongoDB, Firebase* | GitHub — *Jan 2025 – Feb 2025*

- Created a cross-platform **ChatGPT clone** with **real-time AI chat**, supporting **20+ OpenAI models**.
- Deployed **Firebase authentication** for secure login, **Cloudinary** for image uploads, and **MongoDB** storing **50K+ chats**.
- Developed a **scalable backend** using **Node.js + Express**, ensuring **sub-100ms response times** with OpenAI API integration.

FlutterGram | *Flutter, Dart, Firebase, Supabase* | GitHub — *Nov 2024 – Dec 2024*

- Developed a **responsive** Instagram clone using **Flutter & Firebase**, integrating **real-time feed sync** with **200ms** response time.
- Engineered an **explore page** enabling **<100ms** user search and efficient **follow/unfollow** graph interactions.
- Optimized **image uploads** (100MB max) via **compression**, reducing file size by **80%** without quality loss.

Achievements

- **Solved 1000+ Coding Problems** (550+ on LeetCode) and achieved a **2 Star on CodeChef** with global rank **514**.
- **Hackquest'25 - BIT Mesra:** Led my team to **1st** place amongst 70+ teams; built intelligent knowledge platform integrating GitHub, Slack, Notion for personalized AI retrieval based on RAG. View Project
- **Hackfest'25 - IIT ISM Dhanbad:** Secured **2nd** place, amongst 40+ teams; coded a system to monitor audience sentiment via social media and feedback. View Project | View Certificate
- **Flipkart GRID 7.0: National Semi-Finalist** in the All-India competitive coding challenge. View Certificate
- **Smart India Internal Hackathon'24 :** Led team to top **2nd** position out of 50+ teams; applied a coal miner safety and monitoring system. View Project | View Certificate