

# Harshit Singh

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## EDUCATION

- **Indian Institute of Information Technology, Ranchi** 2022 - 2026  
*B.Tech in Computer Science & Engineering* CGPA: **8.71**
- **The Ideal New Star English School, Varanasi** 2022  
*Intermediate* 94.8%
- **The Ideal New Star English School, Varanasi** 2020  
*High School* 97.0%

## EXPERIENCE

- **Next Crest Media** May 2025 – July 2025  
*Software Development Engineer Intern* Remote
  - Developed and integrated **10+** modular **Pipedream** workflows to automate tasks across **Gmail**, **Google Calendar** (for scheduling), **Google Sheets**, and **GitHub** (for repository creation).
  - Integrated **OpenAI**, **Gemini**, and **Cheerio** for intelligent automation and real-time website scraping, powering content generation, summarization, and data extraction workflows.
  - Implemented **OAuth 2.0** authentication for Google Calendar and Google Docs, enabling secure user data access and enhancing workflow privacy and reliability.
  - Built a robust PDF upload feature using **Firebase Firestore** with secure storage, operator-level authorization, and comprehensive error handling.

## PERSONAL PROJECTS

- **QuickPay** Jan. 2025 -Jan. 2025  
*Payment app for seamless transaction processing.*  
[Link](#) [Github](#)
  - Tools & technologies: NextJS, NextAuth, Turborepo, Prisma
  - Integrated **NextAuth.js** with JWT authentication, enhancing security and reducing unauthorized access by **40%**. Implemented **Prisma ORM with PostgreSQL** for efficient and secure transactions.
  - Optimized **monorepo** architecture with **Turborepo**, improving **code reusability, build speed, and maintainability**. Utilized **Next.js Server Actions** to streamline backend logic and API efficiency.
- **ThoughtHaven** Feb. 2025 -Feb. 2025  
*Streamline organization and access with a personalized blog application.*  
[Link](#) [Github](#)
  - Tools & technologies: Prisma, PostgreSQL, JWT, Cloudflare, Hono, Cloudinary, TailwindCSS
  - Integrated **Prisma ORM with PostgreSQL** to optimize queries for faster data retrieval. Implemented **Cloudinary** for scalable image storage, reducing load time by **30%**.
  - Developed a responsive frontend with **React**, **Recoil**, and **Tailwind CSS**. Integrated **Jodit Text Editor** for rich text editing.
- **Prep AI** Apr. 2025 -Apr. 2025  
*An AI-powered SAAS platform to generate, conduct, and get feedback on mock interviews for smarter preparation.*  
[Link](#) [Github](#)
  - Tools & technologies: NextJS, Firebase, Vapi SDK, Shadcn, RazorPay
  - Engineered a responsive web application using **Next.js**, **shadcn/ui**, and **Firebase** for real-time database and improved authentication success rate by **30%**.
  - Integrated **Vapi SDK** for voice features and implemented AI-driven interview generation with **Gemini** and **ChatGPT APIs**.
  - Integrated **Razorpay** to enable secure payments and implemented a **credit-based system** for user transactions and access control.

## TECHNICAL SKILLS

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**Languages:** C/C++, Python, JavaScript, Java , HTML, CSS, SQL & EJS

**Developer Tools:** Git/GitHub, VS Code, Postman, Power BI, MS Excel, Unix & Linux

**Frameworks & Libraries:** React.js, Node.js, Express.js, NextJS, NextAuth, Bootstrap, Tailwind CSS, Hono, jQuery, Mongoose & Rest APIs

**Cloud/Databases:** MongoDB, MySQL, PostgreSQL

## ACHIEVEMENTS

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- **JEE MAINS 2022**, Secured **96.54%** percentile making among the top **3%** of the selected candidates. 2022
- **Competitive Programming**, Solved **800+** questions across platforms like [LeetCode](#), [CodeChef](#), 2023-24 [GFG](#), and [CodeForces](#). Also 3\* on [CodeChef](#).