

HARSHIT SHUKLA

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Education

National Institute of Technology, Durgapur

Nov 2022 – May 2026

Bachelor of Technology

Durgapur, West Bengal

Certifications : AWS - Solutions Architecture Job Simulation .

: Goldman Sach - Software Engineering Job Simulation .

: Prompt Design in Vertex AI- Skill Badge, Google Cloud Skills Boost .

Experience

SStruence Innovations Pvt. Ltd.

Mar 2024 — May 2024

Frontend Developer Intern

Remote

- Elevated the visual appeal and user experience by refining the design aesthetics, and optimizing layout for seamless navigation, resulting in a **20% increase in user engagement** metrics such as time spent on site and pages visited.
- Introduced captivating animations throughout the website while ensuring smooth performance and compatibility across diverse devices, leading to a **15% rise in mobile traffic** and a **25%** decrease in bounce rates.

Projects

Food Delivery App | *React.js, MongoDB, Express, Node.js, Stripe API* | [Github](#)

Oct 2024

- Built a full-stack food ordering platform with secure **JWT-based authentication**, a **shopping cart**, and order tracking features using the MERN stack.
- Integrated **Stripe API** for secure payment processing, ensuring a seamless checkout experience.
- Enabled **real-time order** status updates with **WebSockets**, reducing customer complaints by **35%**.

MERN Chat App | *React.js, Node.js, Express.js, MongoDB, Socket.io* | [Github](#)

Dec 2024

- Implemented **JWT-based** authentication and authorization, with secure route handling and protected user access.
- Developed **real-time messaging** using **Socket.io**, featuring online user status and global state management with **Zustand** for optimal performance.
- Designed a fully responsive and modern UI using **TailwindCSS** and **DaisyUI**, with seamless UX across devices and integrated full-stack error handling for enhanced reliability.

Quick.AI | *Next.js, Express, Neon, PostgreSQL, Gemini API, ClipDrop API* | [Live](#)

Jul 2025

- Developed a full-stack **AI-powered SaaS** platform that enables users to **generate articles**, **review resumes**, and perform **image editing** tasks such as **background and object removal**.
- Built a responsive frontend using **React.js** and a scalable backend with **Express.js** and **Neon (PostgreSQL)** for efficient data handling and user management.
- Integrated **Gemini API** for AI-generated content and resume insights, and **ClipDrop API** for advanced image processing functionalities to improve content generation efficiency by **30%** compared to manual workflows.
- Implemented **prompt-based** workflow for content creation using Gemini API, decreases content creation time by **30%**.

Technical Skills

Languages: Python, C/C++, HTML/CSS, JavaScript, Typescript, SQL

Frameworks/Libraries: React.js, Next.js, Express, Node.js, Django, MongoDB, Socket.io, TailwindCSS, RESTful APIs

Developer Tools: AWS, Git, GitHub, Docker, Firebase, PostgreSQL, Postman, Swagger, Vercel, Netlify

Core CS Concepts: Data Structures & Algorithms, Operating Systems, DBMS, Computer Networks, OOPs

Academic and Extracurricular Achievements

- Solved **500+** DSA problems : Completed Challenges on platforms like **LeetCode**, **GFG**, **Codeforces** .
- Top 50 in **Hack The Wall Hackathon** : Ranked among **top 50** students in Global competition.
- Ranked Top in the Hackathon **Burn Brain** Conducted by CSS Club with a prize pool of **3000 INR**.

Leadership / Position of Responsibility

Senior Web Developer and Event Head @SAEINDIA NIT Durgapur ([Website](#))

Jan 2023 – Present

- * Directed a cross-functional team of **12** in launching and maintaining the club's website, increasing member engagement by **40%** through improved event visibility and alumni networking features.
- * Coordinated **15+** annual events, improving timelines and collaboration across **250+ club** members.
- * Led the end-to-end development of Aarohan's official website using **React.js**, **Django**, and **Firebase**, enabling over **500+** participants to explore events, register online, and receive updates.