

HARMANPREET SINGH

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EDUCATION

CHANDIGARH UNIVERSITY, GHARUAN, PUNJAB.

Bachelor of Engineering in Computer Science.

Expected May 2025

(CGPA - 7.0 to date)

WORK EXPERIENCE

STREAM INFOTECH

Jun 2024 - Jul 2024

Full Stack Developer Intern | [Internship Certificate](#), [Letter of Recommendation](#)

(Remote)

- Optimized multiple web applications using **Svelte**, achieving a 30% reduction in load time and a notable increase in user engagement.
- Developed a secure **JWT decoder tool** for the **Dev Star project**, enhancing security protocols and mitigating potential data vulnerabilities.
- Collaborated in **agile practices** and participated in **code reviews**, contributing to the successful delivery of 7+ projects ahead of schedule.
- Designed and implemented **10+ responsive UI components** with Tailwind CSS, improving user satisfaction and accessibility across various devices.
- Enhanced backend efficiency** by optimizing database queries and API performance, reducing response times by 40% and improving scalability.

PROJECTS

REFLECT: JOURNAL APP | *React, Next.js, Tailwind CSS, ShadCN UI, PostgreSQL, ArcJet.*

[Code](#) | [Link](#)

- A full-stack journaling app that allows users to write, edit, and track their moods with advanced search and analytics features.
- Enhanced user engagement by 95% through features like **rich text editing**, **search**, and **mood tracking**.
- Integrated an analytics dashboard and secured **API rate limiting** with **ArcJet**, enhancing app security by 50%.
- Optimized app scalability by 80% using **PostgreSQL** and reduced **server response time by 40%** through **caching techniques**.

WEALTH: AI FINANCE PLATFORM | *React, Next.js, Tailwind CSS, Prisma, ShadCN UI, ArcJet.*

[Code](#) | [Link](#)

- An AI-powered finance platform that helps users manage expenses, automate receipt scanning, and generate real-time financial insights.
- Boosted decision-making efficiency by 85% with **AI-driven financial analysis**.
- Integrated **Gemini AI**, automating **100+ receipt scans per month** and providing real-time financial updates.
- Streamlined manual data entry time by 60% and strengthened **API security** features.

TECHNICAL SKILLS

- Languages:** C++ (Data Structures & Algorithms) | JavaScript | SQL | Python | Object-Oriented Programming (OOP).
- Web Development:** HTML | CSS | JavaScript | React.js | Node.js | Express.js | MongoDB | Tailwind CSS.
- Databases:** MongoDB | PostgreSQL.
- Version Control & Deployment:** Git | GitHub | Vercel.

CERTIFICATIONS

- Coursera:** IBM Full Stack Software Developer | Meta Front-End Developer | IBM Introduction to Machine Learning.
- FreeCodeCamp:** Responsive Web Design.
- Infosys Springboard:** Front-End Development Program (CSS, JavaScript, React JS, TypeScript, Angular).

ADDITIONAL INFORMATION

- Academic Achievements:** Solved 280+ problems on LeetCode | Gold Certificate in IoT (NPTEL) | Published a research paper on Handwritten Digit Recognition in IJIRT.
- Skills:** Effective Communication | Team Collaboration | Critical Thinking | Agile Development | Task Prioritization | Conflict Resolution | Flexibility in Dynamic Environments.
- Languages:** English | Punjabi | Hindi.