SATYUM SINGH PATHANIA

Dharamshala, Himachal Pradesh

📞 +91 7876733754 ✉ satyumspathania@gmail.com in Linkedin ○ Github ⟨ LeetCode 👤 Portfolio

Education

Chitkara University, Punjab   **2021 − 2025**
B.E. - Computer Science and Engineering || CGPA - 9.57   *Rajpura, Punjab*

Sacred Heart Sr. Sec. School, Himachal Pradesh   **2019 − 2021**
CISCE - Non-Medical   *Dharamshala, Himachal Pradesh*

Experience

Pulselink Innovations Pvt Ltd   **April 2025 − Ongoing**
Intern Software Engineer   *Remote*

- Developed and maintained scalable web application features using **Next.js, TypeScript, and Tailwind CSS**, contributing to a high-performance and responsive frontend.
- Integrated **Firebase Authentication and Firestore**, implementing secure login flows and data persistence..
- Initiated adoption of **Redux Toolkit** for state management, improving codebase scalability and enhancing data flow.

IndusianAssist Pvt Ltd   **Jan 2023 − Aug 2023**
UI/UX Designer   *Rajpura, Punjab*

- Executed the full software development life cycle **(SDLC)**, collaborating with teams to define requirements and solutions.Developed **flowcharts and documentation** to identify user needs, ensuring well-designed, testable code
- Optimized existing designs for accessibility and usability to ensure **users with disabilities** can use the product.
- Created **software verification plans** and quality assurance procedures to uphold quality standards. Ensured that designs met evolving end-user needs, resulting in consistently **positive feedback and successful project** outcomes.

Projects

Doctors Appointment Booking App || React, MongoDB, ExpressJS, JWT   **Aug 2024 - Sep 2024**

- Implemented user registration, login, and **role-based authorization**, enhancing security and user management.
- Implemented secure transaction handling using **JWT-based authentication**, ensuring authorized access and data integrity across protected routes.
- It's a responsive and user-friendly interface that provides features such as appointment booking, review systems, and secure patient profiles, leveraging **MongoDB** for data management.

Cryptoverse || React, Redux, PWA, Rest APIs   **May 2024 - June 2024**

- Developed a real-time application integrating **REST APIs** for live **cryptocurrency data** and **news**, enhancing user insights.
- Utilized **Redux-Toolkit** and **RTK Query** for efficient API management and performance optimization.
- Enhanced application as a **Progressive Web App (PWA),** allowing offline access and native app-like functionality on mobile devices.

Technical Skills

Languages: *Java | C++ | JavaScript | Typescript | SQL*
Technologies/Frameworks: *HTML5 | TailwindCSS | React | NextJS | Node | ExpressJS | FramerJS | RestAPIs | Github | Vercel | MongoDB | Firebase*
Developer Tools and Platforms: *VSCode | IntelliJ | Zoho | AndroidStudio | Figma | Canva | Spline*

Certifications / Extracurricular

- Solved **350+** coding questions on **Leetcode.**
- Participation as Grand Finalist in **Smart India Hackathon SIH'23**
- Attended **Design Thinking and Entrepreneurship Bootcamp** - Banaras Hindu University
- Created and published VSCode Theme Extensions called **Vagabond**