

SAHIL SUMAN

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Linkedin

Github

Portfolio

Education

Maharaja Agrasen Institute of Technology

Bachelor Of Technology, Electrical and Electronics Engineering

2021 - 2025

New Delhi, India

Experience

Webstack Academy

February 2024 - April 2024

Full stack Developer Intern

Remote

- Led the **Frontend** development of a dynamic home-buying platform using **React.js** and **Tailwind CSS**, implementing **user authentication**, **search filters**, and **interactive property listings** while ensuring seamless **debugging** and iteration in an **agile environment**.
- Enhanced** cross-device **accessibility** and **usability** by applying **responsive design principles** and best practices, significantly improving **user engagement** and **experience**.
- Optimized database performance** and **scalability** by integrating **MongoDB**, ensuring efficient **data retrieval**, seamless user **data management**, and faster **application response time**.

Starplayers

March 2023 - May 2023

Graphic and UI/UX Design Intern

Remote

- Collaborated** with engineering and design teams to **refine product design** using **Figma** and **Canva**, delivering **visually appealing, intuitive designs** that significantly **enhanced user engagement** and **experience**.
- Increased platform visibility** and **user retention** by **executing** strategic social media campaigns and crafting **impactful, high-quality product content** aligned with **business objectives** and user needs.
- Worked** closely with stakeholders to gather requirements, streamline **operational workflows**, developing **user-friendly templates** for mobile applications that improved **performance, usability, and cross-platform growth**.

Projects

STUDYNOTION - An Edtech Platform | React Tailwind CSS Express Node.js MongoDB Vercel

Link

- Built** a **scalable** educational platform using **React** and **Node.js**, delivering a **seamless content creation, viewing, and rating** functionality, significantly enhancing **user experience**.
- Resolved** critical production issues in a live application by implementing **caching**, **reducing load times** by 40% and **optimizing** overall system **performance**.
- Integrated MongoDB** for **scalable data management**, creating a **RESTful API** to automate **user interactions**.

AUTOCOMM : Community Engagement Platform | Next.js, MongoDB, Kestra, Clerk

Link

- Developed** a Community Engagement Platform powered by **Kestra workflows**, enabling **real-time issue reporting** and **interactive polls**, fostering greater civic participation.
- Automated** issue routing, **real-time notifications**, and **polling analysis** using **Kestra**, enhancing **operational efficiency** and transparency.
- Developed** an engagement **dashboard** using AI Tool to track **response times**, **boosting** accountability for authorities.

PROMPTOPIA - AI Prompt Sharing Application | Next.js MongoDB NextAuth TailwindCSS

Link

- Developed** a full-stack Next.js application integrating MongoDB for **scalable AI prompt sharing** mechanism, implementing a **CRUD** system with secure **Google authentication** via **NextAuth**.
- Engineered** a modern **glassmorphism UI** using **TailwindCSS**, enhancing **user experience** with **responsive design**, **clipboard copy functionality** and **profile-based content organization**.
- Explored **Generative AI** and **ML models** to generate Quality Prompts, optimized **search functionality** by **tag-based filtering** and improving prompt discoverability.

Technical Skills

Languages: C++, Javascript, Typescript, Python

Frontend: HTML/CSS, React.js, Next.js

Databases: MongoDB, PostgreSQL

Developer Tools: VS Code, Git, Docker, Postman

Backend: Node.js, Express, CI/CD

AI: Generative AI, Langchain, Data processing

Achievements

- Led my team to **top 4** out of top 15 worldwide in Hackfrost winter hackathon 2024 by Wemakedevs and Kestra.
- Selected as an Open-source Contributor in **Summer of Bitcoin 2025** and **GSSOC 2024**, collaborating on impactful Bitcoin/Software development projects.
- Spearheaded participation in Hacktoberfest 2023 by successfully merging all **4 pull requests** into open-source projects.