

# SOHAN SANTOSH SHET

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## About Me

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Javascript engineer with a **product-oriented mindset**, experienced in building scalable web platforms from concept to production.

I focus on writing **maintainable systems**, improving **performance**, and **translating complex business requirements** into **intuitive user experiences**.

## Engineering Journey

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Led frontend development and delivery for **15+ production-grade applications** using Next.js, React & React Native.

Designed scalable, API-driven systems across FinTech, B2B SaaS, and enterprise environments in a fast-paced startup setting — focusing on **modular architecture and performance optimization**.

## EXPERIENCE

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### Software Development Engineer

*Frover Private Limited | Dec 2024 – Present*

- Design and build high-quality, visually refined landing pages for SaaS, tourism, and B2C platforms, **balancing aesthetics with performance, responsiveness, and accessibility best practices**.
- Implement **CMS-driven architectures** using **Payload CMS** to enable dynamic content management, streamlined editorial workflows, and scalable marketing operations.
- Integrate **secure payment gateways** including **Razorpay and Cashfree** for **SaaS products and large-scale registration systems**, ensuring reliable transaction handling and smooth onboarding experiences.
- Develop **modular dashboards** for **B2B platforms** with **structured API integrations** and a **centralized role-based access control (RBAC) system** to support scalable user management.
- **Architect and optimize state management strategies** across **web and React Native applications**, including **dual-state handling** in a banking app to improve reliability and user experience.
- Collaborate closely with design and backend teams to translate business requirements into production-ready interfaces with strong attention to usability, performance, and maintainability.

### Software Development Intern (Back-End)

*Frover Private Limited | Aug 2024 – Dec 2024*

- Built **modular dashboards** and **dynamic form systems** using reusable component patterns and schema-based validation to ensure scalability and maintainability.
- Implemented structured **client-side validation** and **error handling mechanisms** to improve form reliability and overall user experience.

### UI/UX Design Intern

*CreativeJoule Solutions | Jul 2023 – Sep 2023*

- Learned and applied the complete UX workflow, including **user research, persona creation, journey mapping, information architecture, and wireframing** to structure **product experiences thoughtfully**.
- **Designed low- and high-fidelity prototypes** in **Figma**, translating problem statements into intuitive interface flows with a focus on **usability, clarity, and user-centered design principles**.

## TECHNICAL SKILLS

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- **Frontend Engineering:** Next.js, React.js, React Native, Typescript, Tailwind CSS, HTML5, CSS3
- **Backend & APIs:** Node.js (basic), REST APIs, Payload CMS, Supabase, Turso, Drizzle ORM
- **Databases:** PostgreSQL, MySQL, SQL
- **Programming Languages:** Javascript, Python, C++, Java (basic)
- **Developer Tools & DevOps:** Git, Postman, cURL, Vercel, Lighthouse

## EDUCATION

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**BE in Computer Engineering (8.01 CGPA):** Goa College of Engineering 2020-2024

## PROJECTS

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### Habit Tracking & Task Management Application

#### React Native (Expo) | Modular Architecture | State Management

- Architected structured data models for tasks, recurring habits, and habit logs to support flexible frequency changes and long-term analytics.
- Designed a scalable React Native frontend using feature-based module separation and reusable component patterns.
- Implemented habit versioning and archival strategies to preserve historical data integrity while allowing dynamic goal modifications.

### CMS-Agnostic Frontend Architecture Scaffold

#### Next.js | TypeScript | SEO Architecture | Headless CMS

- Designed a reusable Next.js architecture with centralized SEO, metadata management, and structured routing for scalable production applications.
- Implemented a content abstraction layer separating UI components from data sources (local JSON, APIs, headless CMS), enabling plug-and-play integrations.
- Established a block-based rendering system where CMS schemas map directly to UI components, reducing new project setup time and enabling non-technical content management.

### Image Size Inspector – Chrome Extension

#### Chrome Extension | JavaScript | DOM APIs | Performance Optimization

- Developed a Chrome Extension that audits full-page images by comparing rendered dimensions, intrinsic size, and device pixel ratio (DPR) to detect bandwidth inefficiencies.
- Implemented section-level image analysis to generate precise responsive image recommendations (srcset, sizes, optimal breakpoints).
- Transformed raw DOM inspection data into developer-ready optimization reports tailored for Next.js <Image> configurations and modern performance best practices.

### BookHub – Personalized Book Recommendation Platform

#### Next.js | Tailwind CSS | PostgreSQL (Supabase) | Recommendation Engine

- Built a personalized book recommendation system using collaborative filtering techniques (cosine similarity) on large-scale book datasets.
- Designed and implemented a responsive Next.js frontend integrating search, filtering, and recommendation APIs with optimized data fetching strategies.

## CERTIFICATES

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- **Joy Of Computing using Python, By NPTEL** April 2023
- **IoT | Introduction to Internet of Things, By NPTEL** April 2023