

# SACHIN CHANDRAN

Software Engineer – Frontend & Backend Development

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## Profile Summary

Detail-oriented Software Engineer with experience in building scalable web applications using the MERN stack (React.js, Node.js, Express, MongoDB). Proven track record in developing high-performance e-commerce platforms and Progressive Web Apps (PWAs). Skilled in global state management, RESTful API integration, and real-time communication.

## Key Skills

**Programming Languages:** JavaScript (ES6+), TypeScript

**Frontend:** React.js, Next.js, Redux, Context API, TailwindCSS, Bootstrap, HTML, CSS

**Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication

**Database:** MongoDB, Mongoose

**Tools & Platforms:** Git, GitHub, Postman, JIRA, AWS (EC2, SES), NGINX, PM2

## Professional Experience

**Programmer Analyst | Snippet Commerce 360°,Kochi**

June 2024 – Present

**Project: Meaningful Beauty (Shopify E-commerce)**

- Contributed to a high-traffic Shopify-based e-commerce platform, focusing on subscription and account management features.
- Developed React.js applications to consume and utilize data from Shopify pages for a seamless user experience.
- Implemented global state management using Context API and useReducer to handle complex user and subscription data.
- Optimized application performance by implementing API response caching, significantly reducing redundant network calls.
- Enhanced critical user flows including Subscription Overview, Manage Kit, Order History, and Cancellation pages.
- Collaborated directly with clients in daily stand-ups to ensure feature delivery aligned with business requirements.

**Project: Real Estate Property Discovery Platform (PWA)**

- Developed a Progressive Web App (PWA) featuring advanced search and filtering capabilities.
- Built 40+ dynamic filters with persistence across pages using Redux-based global state management.
- Designed intuitive UI interactions, including interactive breadcrumbs for easy filter modification.
- Optimized performance through lazy loading, code splitting, and efficient use of React Hooks.

## Education

Bachelor of Engineering (BE) in Mechanical Engineering | CMS CET

12th Grade (Computer Science) | Sree Narayana HSS

## Certifications & Projects

- ChatBuddy – Real-Time Social Chat Application | [chatbuddy.co.in]
- Developed a full-stack MERN application enabling real-time messaging, user connections, and subscription features.
- Integrated Socket.IO for real-time communication and Razorpay for secure payment processing.
- Designed RESTful APIs for user profiles, feeds, and connection requests using Express.js and MongoDB.
- Implemented JWT-based authentication and authorization for secure user session management.
- Deployed the application on AWS EC2 using NGINX as a reverse proxy and PM2 for process management.

## Declaration

I here by declare that the above written particulars are true and correct to the best of my knowledge and belief