

# SUMESH S - FULL STACK DEVELOPER

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## Professional Summary

Passionate Full Stack Developer with **1 year of professional experience**, eager to build immersive web experiences and scalable distributed systems. Proficient in **React.js** and **Node.js**, with a strong focus on clean code, performance optimization, and user-friendly applications. Skilled in developing projects from scratch and maintaining existing applications while continuously learning and adapting to new technologies. Enthusiastic about problem-solving, modern web technologies, and staying ahead in the ever-evolving tech landscape.

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## Technical Skills

- **Frontend:** HTML5, CSS3, SCSS, JavaScript, TypeScript, React.js, Next.js, Redux, Socket.IO, React Flow, React-dnd, Tailwind CSS, Bootstrap, Material-UI, Ant Design
  - **Backend:** Node.js, Express.js, RESTful APIs, JWT Authentication, Socket.IO, Keycloak, Python, Fastapi, Twilio
  - **Databases:** MongoDB, MySQL, SQLite
  - **Tools & Platforms:** Git, Bitbucket, Jira, Postman, VS Code, n8n, Appsmith, Bubble
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## Professional Experience

### Full Stack Developer

*Tensaw Technologies | July 2024 – Present*

- **Developed and maintained high-performance, scalable healthcare applications**, including CRM solutions, eligibility portals, claims processing systems, and medical coding tools.
  - **Designed and implemented modern, user-friendly, and maintainable UI components** using **MUI, Ant Design, and Tailwind CSS**, ensuring consistent design and enhanced user experience.
  - **Built a fully responsive Patient Registration application** with **Next.js and Tailwind CSS**, optimized for seamless performance across all devices.
  - **Integrated and optimized RESTful APIs** to enable efficient data handling and smooth interaction in **React.js applications**.
  - **Developed and optimized real-time chat functionality** using **Socket.IO** across frontend and backend, ensuring seamless communication.
  - **Integrated Twilio messaging service** into Node.js/Express applications to send automated **patient appointment reminders**, reducing no-shows and improving patient engagement.
  - **Integrated Stripe payment gateway**, enabling secure and seamless online transactions.
  - **Migrated from Redux to Redux Toolkit**, improving state management efficiency and reducing boilerplate code by **30%**.
  - **Contributed to the R&D and full-stack development** of a **no-code/low-code IDE platform**, working on both an API Builder and a UI Builder built with FastAPI and React. Collaborated with the team to design features that allow users to visually create APIs and UI widgets without coding, streamlining application development.
  - **Implemented advanced drag-and-drop interactions** and scalable state management to support complex user workflows and customization.
  - **Implemented "Switch Clinic" functionality**, enabling internal users to seamlessly access multiple clinic accounts without repeated logins — reducing navigation time by **40%** and significantly improving productivity.
  - **Developed RVU and MIPS summary reports and dashboards**, enabling real-time performance tracking, compliance monitoring, and provider efficiency analytics.
  - **Deployed and managed applications** using **AWS** (EC2, S3, and related services) and **Docker**, handling containerized deployments, storage, and hosting to ensure reliable, high-performance, and cost-efficient environments.
  - **Collaborated with cross-functional teams** using **Git, Bitbucket, and Jira** for version control, agile development, and issue tracking.
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### Full Stack Developer Intern

*Tensaw Technologies | March 2024 – July 2024*

- **Architected and developed a Clinic Management Module** using **microservices architecture** with **Node.js, Express, MySQL, and React**, ensuring modularity and scalability.
- **Integrated service-to-service communication with gRPC**, enabling microservices to efficiently join multi-table responses, reducing API response time by 40%.
- **Configured authentication and role-based access control with Keycloak**, ensuring secure access management across microservices and meeting healthcare compliance standards.
- **Implemented centralized state management with Redux**, streamlining data flow across modules and improving development efficiency by 25%.

## Projects

### Full Stack E-commerce Application | [GitHub](#)

- Engineered a **feature-rich e-commerce platform** using **React.js, Node.js, MongoDB, Tailwind CSS**.
- Implemented secure **authentication & authorization** (JWT-based login/signup, role-based access for admin and users).
- Integrated **Razorpay payment gateway** for secure and seamless online transactions.
- Developed **order history and invoice generation** to enhance post-purchase experience.
- Ensured optimized performance and scalability for a smooth user experience.

### Music App | [GitHub](#)

- Built a Music App using React with the help of **Spotify API**.
- Implemented search functionality allowing users to explore and discover their favourite artists.
- Created a music player that allows users to play, pause, skip to the next or previous track.
- Implemented user authentication using tokens created with Spotify API allowing smooth login and logout experiences.
- Technologies used: Local-storage, React-Router-Dom, Axios, Spotify API

### Movie App | [GitHub](#)

- Developed a movie app using React.js with a captivating landing page that elegantly showcases movies and details.
- Utilises the **TMDB API** to fetch comprehensive movie data. Have dynamically retrieved information such as movie posters, names, descriptions, and trailers.
- Connected via TMDB API and fetch data using axios. Also used react-you-tube package to get trailers from YouTube
- Technologies used: React, Axios, react-you-tube

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## Education

B.VOC Software Development | Kerala University | 2023

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## Certifications

- Certificate Course in MERN STACK - 2023
  - React Skills Certification - 2023 (HackerRank)
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## Soft Skills

- Problem-Solving and Debugging
- Effective Communication and Collaboration
- Agile and Scrum Methodologies
- Continuous Learning and Adaptability