

Freddy Daniel

Senior Software Engineer | Vue.js | React | Node.js

Senior Software Engineer with 9+ years of experience building scalable web applications, specializing in Vue.js, Nuxt.js with experience in React and Node.js. Experienced in real-time systems, frontend architecture, and performance optimization, with exposure to Node.js backend services. Looking for a stable product-focused environment to contribute and grow.

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WORK EXPERIENCE

Senior Software Engineer

Techgentsia Software Technologies Pvt Ltd

02/2020 - Present

India

Achievements/Tasks

- **Developed a real-time co-watch feature** enabling synchronized playback of YouTube, Vimeo, Dailymotion, and local videos within live conferencing sessions using Video.js.
- **Built a reusable device selection library** in JavaScript, reducing feature development time by ~60% through standardization and reuse.
- **Engineered a canvas-based alarm calibration tool using Fabric.js**, integrating video segmentation data with ML-driven action detection to define bed, chair, and floor zones for accurate fall and inactivity alerts.
- **Modernized the analytics dashboard using Vuetify and Chart.js**, improving data rendering performance by ~30% and reducing initial load time from 20s to 3s for large datasets.
- **Architected and delivered a cross-platform Electron.js application** for video conferencing, implementing multi-tenant white-labeling, dynamic branding, and build automation.
- **Contributed to microservices development using Java Spring Boot** for a mobile-focused video calling application.
- **Designed and implemented a Node.js backend** (Express, MongoDB, Socket.io) for an education-focused conferencing platform, supporting real-time chat and signaling for high-concurrency classroom sessions.

Software Engineer

Techgentsia Software Technologies Pvt Ltd

02/2017 - 02/2020

India

Achievements/Tasks

- **Built and maintained RESTful APIs** using PHP/CodeIgniter and MySQL to support scalable web applications.
- Optimized MySQL queries and database structures, improving API response time by up to **30%**.
- **Implemented real-time video conferencing**, live chat, and notification systems using WebRTC and Socket.io to support multi-user collaboration with low latency.
- **Created cross platform desktop apps with NW.js**, email/calendar add-ins (Visual Basic, Google Apps Script), and responsive admin panels.

SKILLS

Vue.js

Nuxt.js

React

JavaScript

TypeScript

Vuetify

Tailwind CSS

Pinia

Vuex

Node.js

Express

MongoDB

MySQL

REST APIs

Vercel

Render

AWS

Git

Electron.js

Jira

Agile Methodologies

PERSONAL PROJECTS

Healthcare & Video Conferencing Platform
(01/2019 - Present)

- **Architected a Nuxt 3/Vue 3 telehealth portal and admin dashboard** to manage, configure, and connect with distributed Android healthcare devices, featuring real-time video dialing, device allocation workflows, and alarm system management.

Real-Time Analytics Dashboard (01/2022 - 01/2023)

- **Developed and optimized interactive data visualization dashboards** integrating live logs and charts, reduced data load time from 3s to 0.8s through frontend performance tuning.

E-Commerce Platform (01/2022 - 01/2022)

- **Implemented modular product and order management system** with dynamic REST API integration and improved UI responsiveness.

Virtual Classroom (01/2017 - 01/2019)

- **Built full-stack web application enabling live classes**, chat, and screen sharing, improving interactive learning experience.

EDUCATION

Bachelor of computer applications

Annamalai University

07/2017 - 07/2022

Tamil Nadu - 608002

LANGUAGES

English

Full Professional Proficiency

Malayalam

Native or Bilingual Proficiency