

JEEVAN JOSE

SOFTWARE ENGINEER

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SUMMARY

Software Engineer with 3+ years of experience designing and delivering scalable, high-performance applications. Proven track record in building real-time systems, optimizing application performance, and developing production-grade solutions across frontend, backend, and mobile platforms. Experienced in integrating advanced technologies including computer vision and IoT. Focused on building reliable and scalable systems with a strong emphasis on performance, architecture, and user experience.

TECHNICAL SKILLS

- **Frontend & Mobile:** React, Next.js, React Native.
- **Backend :** Node.js, Express, NestJS.
- **AI & Computer Vision:** Python, LLM.
- **DevOps & Tools:** Git, CI/CD, Docker.

PROFESSIONAL EXPERIENCE

Software Engineer | Inlue Tech | Kochi, Kerala Aug 2025 – Present

- Lead cross-platform mobile application development using React Native, ensuring seamless performance across iOS and Android ecosystems.
- Architect and deploy scalable backend systems utilizing Node.js and NestJS, enabling secure, low-latency, real-time communication.
- Integrate computer vision systems using Python for real-time object detection and tracking.

Software Engineer | Aurin IT | Calicut, Kerala Dec 2024 – Aug 2025

- Developed web and mobile applications using React.js, Next.js, and React Native, integrating complex frontend components with backend APIs.
- Managed CI/CD deployment pipelines via GitLab.
- Supported backend development tasks to ensure seamless full-stack integration and data integrity.

Frontend Developer | Metrictreelabs | Kochi, Kerala Dec 2022 – Dec 2024

- Built and optimized web applications, focusing on clean and responsive user interfaces.
- Implemented real-time API integrations for dynamic data updates using WebSockets.
- Collaborated on backend development to ensure comprehensive application functionality.

KEY PROJECTS

Babble – IIoT Dashboard & Data Platform

Technologies: React, NestJS, Ant Design, Tailwind CSS, TanStack Query

- Built a scalable IIoT dashboard platform for real-time and historical data visualization across multiple devices and data sources.
- Designed dynamic dashboards with multi-screen support, auto-rotation, and customizable widgets for flexible data representation.
- Implemented real-time data ingestion using MQTT, enabling seamless integration with diverse device types and external systems.
- Developed robust device management and multi-source data mapping for unified monitoring and control.
- Built smart alerting systems with configurable thresholds and escalation rules.
- Implemented security features, including role-based access control and data encryption.
- Designed reporting modules with scheduled report generation, automated delivery, and advanced analytics.

ForumIAS – Social Media Platform for UPSC Aspirants

Technologies: Next.js, Socket.IO, Redux, Node.js

- Engineered a real-time chat system with WhatsApp-like features (threaded conversations, mentions) using Socket.IO.
- Designed a scalable system supporting high-traffic channels for IAS officers and aspirants.
- Optimized frontend performance for low-end devices, ensuring smooth user experience.

Floranza – Full-Stack E-commerce Ecosystem

Technologies: Next.js, React Native, Tailwind CSS, TanStack Query, Node.js

- Customer Web Platform: Architected a Server-Side Rendered (SSR) frontend using Next.js to maximize SEO rankings.
- Cross-Platform Mobile App: Engineered a high-performance mobile application using React Native, featuring seamless product discovery, secure checkout flows
- Admin Control Center: Developed a comprehensive management dashboard for real-time inventory tracking, order fulfillment workflows, and automated sales reporting.
- Performance Optimization: Implemented sophisticated data-fetching and multi-layer caching strategies with TanStack Query, reducing redundant API calls and server overhead by optimizing state synchronization across platforms.
- Scalable Architecture: Designed a unified backend integration to ensure consistent data parity between the web, mobile, and administrative interfaces.

EDUCATION

- **Bachelor of Arts - Animation and Graphic Design** | Yeldo Mar Baselios College (2016 - 2019)
- **Certifications:** MERN Stack Development, Certified IT Infrastructure and Cyber SOC Analyst.