Sagar Joseph

sagarjoseph.work@gmail.com

Experience

Debito.qa | Doha, Qatar
Lead Developer | 11/2021 - 12/2024
Contributed as a key member of a 3-developer team, responsible for end-to-end design, development, deployment and maintenance of Point of Sale (POS) and accounting business software.

- Led the development of a flexible, multi-market POS system, expanding the software's applicability to 4 new sectors and increasing the client base from 85 in Q1 2021 to over 500 supermarkets and grocery chains by Q4 2024.
- Engineered a scalable, multi-tenant MongoDB database system, now processing over 10 million transactions, with robust data isolation tailored to unique client needs.
- Designed and executed protocols to migrate 100% of legacy offline IndexedDB databases to a new collaborative online accounting platform using Dexie Cloud Sync, ensuring a seamless transition.
- Automated data synchronization between the accounting software and POS/inventory systems, improving consistency and reducing manual entry errors.
- Spearheaded the redesign of the core business software's user interface, improving user experience and operational efficiency.
- Transformed complex data streams into clear, actionable dashboards and reports, empowering clients with meaningful insights.
- Developed an event-driven backup middleware for Dexie.js (IndexedDB), significantly enhancing data security and enabling reliable recovery in the event of system corruption.
- Built internal tools to remotely configure POS device settings, reducing downtime and improving support response times.
- Introduced a ticketing system via Plane.so, enhancing internal issue documentation and tracking for bugs and feature development.

Skills

Front-End: Vue.js, Quasar.js, Tauri, Framer

Back-End: Node.js, Express.js, Fastify

Database: MongoDB, Dexie.js (IndexedDB)

Technical Proficiencies : Full Stack Development, UI/UX Design, Distributed Systems, Agile Methodologies, Problem-Solving

Development Tools: VSCode, Claude, Obsidian, Version control (Git, Bitbucket), Design (Figma, Canva), Issue Tracking (Jira, Plane), Remote Access (Anydesk, Teamviewer)