Mohamed Nazik Nassar

Senior Full Stack Developer
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Nationality: Sri Lankan

Summary

Senior developer with 7+ years building web applications, mainly React/Next.js frontend with Node.js backend experience. Worked on banking, insurance, and enterprise systems, handling everything from UI to API integration and database work. Recently got into Sitecore XM Cloud. Spent a lot of time making slow apps usable. Comfortable switching between frontend and backend work depending on the requirement. I like building things that actually work well for users, not just technically correct solutions. Good at debugging production issues and explaining technical problems in normal language. Currently in Dubai, ready to start immediately.

Experience

Senior Software Engineer – 01/2025 to Present

Sitecore, Dubai, UAE

- **Projects**: Industrial Equipment & Energy Management Platform.
- **Technologies**: Sitecore XM Cloud, Sitecore Content Editor, Next.js, ReactJS, JavaScript
- Develop and implement headless CMS solutions using Sitecore XM Cloud for Industrial Equipment & Energy Management Platform, ensuring scalable content delivery across multiple channels.
- Configure and manage content structures within Sitecore Content Editor, creating templates and components to support dynamic content management and multi-language capabilities.
- Reporting to the Technical Lead and Project Manager, with accountability for front-end architecture and component development.
- Built a library of 20+ reusable Next.js components for Sitecore - everything from hero banners to data tables that content editors could mix and match without developer help
- Played a key role in establishing development standards and workflows for the new platform implementation.

Senior Software Engineer – 12/2022 to 01/2025

Virtusa (PVT) Ltd, Sri Lanka

- **Projects**: Banking System, Payroll System, Booking System, Record Management System, Secure Shredding Service.
- **Technologies**: ReactJS, Redux, TypeScript, JavaScript, MUI, Fluent UI, Node.js, Firestore
- Built both frontend interfaces and the Node.js APIs that power them for various banking and payroll features. Handled everything from React components to database queries.
- Spent a lot of time fixing performance issues - got load times down significantly through various optimizations on both client and server side.
- Worked with Firestore for real-time features in the booking system, had to figure out the best data structure to keep costs down while maintaining performance.
- Set up automated testing for both frontend and backend - wrote Jest tests for React components and API endpoint tests that actually caught bugs before production
- Mentored junior developers and conducted code reviews to maintain high-quality standards and best practices across the team.
- Led the effort to break apart our old monolithic app into smaller, more manageable pieces using React and Node.js.

Software Engineer – 04/2018 to 12/2022
Kerk Solutions (PVT) Ltd, Sri Lanka
- **Projects**: Banking System, Public Housing System, Life Insurance, Private Motor Insurance, Travel Insurance, Renovation Insurance, Small Business Coverage.
- **Technologies**: ReactJS, Redux, TypeScript, JavaScript, AngularJS, Tailwind, Bootstrap, Node.js, PostgreSQL, MySQL
- Worked closely with business analysts and QA teams to ensure application functionality meets client specifications and regulatory requirements.
- Built the UI for insurance forms and claims workflows but also wrote the Node.js endpoints that processed and validated all that data before it hit the database.
- Did a lot of SQL work - writing queries for reports, setting up tables for policy data, and optimizing slow queries that were timing out with large datasets.
- Connected React components to our REST APIs, handled authentication tokens, and made sure sensitive financial data was encrypted properly in transit.
- Wrote stored procedures in PostgreSQL for complex insurance calculations that needed to run fast (premium calculations, risk assessments).
- Participated in Agile ceremonies and collaborated with distributed teams to deliver projects on schedule and within scope.

Intern – 02/2017 to 08/2017
Zeldiva Luxury (PVT) Ltd, Sri Lanka
- **Projects**: Hotel Booking System.
- **Technologies**: HTML, CSS, and JavaScript.
- Developed front-end components for hotel booking system, creating responsive layouts and interactive features for better user experience.
- Reporting to the Senior Developer, assisting with bug fixes and implementing UI enhancements based on client feedback.
- Built booking forms and room selection interfaces using vanilla JavaScript, ensuring cross-browser compatibility.
- Tested website functionality across different devices and browsers, documenting issues and implementing fixes.

Education

Bachelor of Science (BSc) – Computer Science – 2019
University of Bedfordshire, UK

Sitecore XM Cloud Developer Certification – 2025
Sitecore, USA

Skills & Expertise

- **Frontend**: JavaScript, TypeScript, React.js, React Native, Next.js, Redux/RTK Query, GraphQL, HTML5/CSS/SCSS, Material UI, Tailwind CSS, Responsive Design, Performance Optimization
- **Backend**: Node.js, Express.js, RESTful APIs, PostgreSQL, MongoDB, Firebase/Firestore, JWT Authentication, AWS (S3, EC2)
- **CMS & Tools**: Sitecore XM Cloud, Headless CMS, Git, Docker, CI/CD, Postman, Jest/React Testing Library
- **Methodologies:** Agile/Scrum, Cross-functional Collaboration, Code Review

Languages

Sinhala: Native| **Tamil:** Native| **English:** Fluent