Joji Mathew

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Professional Summary

Experienced Full-Stack developer and tech lead with 7+ years of experience building scalable web and mobile apps. Skilled in integrating AI features and leveraging AWS for cloud deployments, CI/CD, and automation. Proven ability to lead teams, translate business needs into technical solutions, and deliver high-impact results in fast-paced environments.

Technical Skills

Languages & Tools: HTML5, CSS3, SASS, JavaScript, TypeScript, MongoDB, PostgreSQL, Git, Heroku, AWS (Lambda, EC2, S3, Amplify), AI Integrations (OpenAI API), Playwright, Tailwind CSS
Frameworks: React.js, React Native, Next.js, Express.js, Node.js, Nest.js, Redux Toolkit, Redux-Saga, jQuery, EJS, GraphQL
Expertise: AI-Powered Application Integration, Full-Stack Development, Responsive Web Design, Mobile App Development, CI/CD, Test Automation

Education

Model Engineering College   Kochi, India
Bachelor of Technology, Computer Science & Engineering   Aug 2014 - Jun 2018

St. Joseph's Public School   Alappuzha, India
High School & Higher Secondary, Mathematics-Computer   May 2014

Experience

ThoughtSpot   Trivandrum, India
Member of Technical Staff   Nov 2023 - Jul 2025

- Built and maintained scalable UI components for dashboard layouts using **React.js and TypeScript**, reducing code duplication by 30% and accelerating the development of new features by 25%.
- Contributed to **GraphQL + Node.js** middleware for seamless data integration.
- Developed and deployed AI-integrated chatbot & recommendation engine leveraging **OpenAI API**.
- Implemented an AI-driven end-to-end automation test suite with **Playwright**, achieving **95% test coverage** for critical user flows and decreasing bug-related support tickets by **40%**.
- Delivered dashboard theming and a sanitization security layer for HTML inputs, **mitigating XSS vulnerabilities** and helping retain key enterprise clients.
- Resolved critical UI bugs significantly impacting user experience, ensuring **high product quality** and client satisfaction.

EADATH   Kochi, India
Chief Technology Officer   Mar 2023 - Oct 2023

- Established company technology strategy, ensuring alignment with business goals and rapid execution cycles.
- Translated non-technical stakeholder discussions into product requirements, leading to high-fidelity prototypes **within 2 months**.
- Oversaw the development, implementation, documentation, and maintenance of technical infrastructure.
- Utilized **Next.js in TypeScript** for frontend and **Nest.js** with a PostgreSQL backend, orchestrated CI/CD pipelines using **AWS** services, reducing deployment time by **30%** and **AWS Amplify** for rapid frontend deployments.

KeyValue Software Systems   Kochi, India
Associate Technical Lead   Jul 2020 - Feb 2023

- Developed and released a native app in **React Native** in **2 months**, achieving **1 million+** installs on the Play Store, utilized **AWS Lambda** and **S3** for scalable backend data processing.
- Designed and delivered three web applications from scratch using **Next.js, TypeScript, Redux Toolkit, Apollo GraphQL, and Tailwind CSS**.
- Led a frontend team of 10 engineers, effectively managing project timelines with Agile, resolving blockers at a **90%** JIRA success rate.

Delightree   Bangalore, India
Full Stack Engineer   Aug 2019 - Jun 2020

- Designed key features in Delightree web-app using **React.js** and **Apollo GraphQL**.
- Implemented SOP-to-Todo-list converter in Delightree web-app, reducing task creation time by **30%** and boosting user engagement with standardized operating procedures.
- Redesigned the web-app for native use in **React Native** and contributed to backend enhancements using **Node.js**, **GraphQL**, and **MongoDB**.
- Automated backend server deployments, increasing development and testing efficiency by **50%**.

Sieve   Kochi, India
Frontend Developer   Jul 2018 - Jul 2019

- Built a **React.js** web application to manage freelancer workflows, including custom websites, client onboarding, scheduling, invoicing, and payment routing.
- Migrated custom website to server-side rendering powered by **Node.js**, reducing initial load time by **40%**.

Volunteer Experience

Model Engineering College   Kochi, India
Placement Cell Coordinator   Jul 2016 - Jun 2018

- Coordinated with over 50 recruiting organizations for campus placements.
- Supervised technical mentoring for 180 students, and organized placement drives as part of a 17-member team.

Leadership & Activities

- **Delegate** - **Harvard College** Project for Asian and International Relations (HPAIR), Virtual Summit 2023, Feb 2023: Selected as one of 50 international delegates.
- **Excel MEC 2018, Model Engineering College:** Marketing Team Member, Aug 2017 - Jun 2018. Contributed to organizing the college's flagship techno-managerial fest.
- **Campus Ambassador - GeeksForGeeks:** Aug 2017 - Jun 2018. Served as a student ambassador, facilitating engagement with the platform.