Roshin K M

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SUMMARY

Full-stack Software Engineer with 4 years of experience, specialising in frontend development with Next.js, React, and React Native. Skilled at creating scalable, user-centric web and mobile applications with a strong eye for design. Experienced in contributing to high-traffic platforms, backend development, and mentoring developers. Seeking a Senior Software Engineer role to drive impactful, innovative solutions.

EXPERIENCE

Software Engineer

PropertyGuru Group   **August 2023 - Present, Bengaluru**

- Developed an end-to-end paywall system for both web and mobile apps using **React**, **React Native**, reusable hook patterns, and postMessage logic within micro-frontends, enabling multiple teams to reuse the same controls and deliver consistent gated experiences across products.
- Contributed to a company-wide design system for both web and mobile (React, Bootstrap, Storybook, and React Native), ensuring consistent UI components and faster delivery across multiple teams.
- Designed and delivered complex, reusable forms with **Zod** and React, widely adopted for agent listings across teams, reducing form-related bugs and cutting development time by ~30%.
- Led a cross-functional team of 5 developers to launch a consumer-facing **Next.js** feature used by thousands of daily active users, increasing engagement and adoption through seamless frontend-backend integration.
- Implemented large-scale data archival strategies in **NestJS**, improving storage efficiency, query performance, and compliance readiness for growing datasets.
- Enhanced mobile app performance and interactivity by integrating server-sent events into React Native, delivering real-time UI updates and ensuring data consistency across platforms.

Software Engineer

Mobiux   **November 2021 - August 2023, Bengaluru**

- Migrated legacy WordPress pages to Next.js, boosting Lighthouse performance scores to 96+ and improving **SEO**, page speed, and customisation for thousands of daily active users.
- Built secure, server-side rendered interfaces in Next.js to safeguard paywalled content, ensuring reliable access control and seamless premium user experiences.
- Developed a **custom analytics dashboard** with Mantine.js, Next.js, and ApexCharts, enabling interactive data visualisations and actionable insights for business stakeholders.
- Rewrote a WordPress plugin in Python with AWS OpenSearch, delivering autosuggestion features with 100-300ms response times and cutting infrastructure costs by 50%.
- Automated API testing in **Python** for critical features such as payments, and implemented Stripe financial reporting scripts, plus Nginx log analysis to improve system reliability and monitoring.
- Contributed to building and scaling a high-traffic news platform, ensuring performance, maintainability, and resilience under thousands of daily active users.

Associate Software Engineer

EY   **September 2021 - November 2021, Thiruvananthapuram**

- Completed training in Network Security and Threat Detection & Response, gaining foundational cybersecurity knowledge.

SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Python, Dart

Frameworks/Libraries: Next.js, React, React native, Bootstrap, Tailwind CSS, SCSS, SEO, Django, Nest.js, Zod, Redux, Jest

Cloud/Databases: AWS, Cloud firestore, MongoDB, SQL

Other: Google Analytics, Google Tag Manager, Unit testing, Integration testing

EDUCATION

Bachelor of Technology in Computer Science and Engineering

LBS College of Engineering · Kasaragod, Kerala · 2021 · 7.89

AWARDS & HONORS

Google Cloud Facilitator Program, 3rd milestone

Google Cloud · Jun 2017 - Jun 2021

- Achieved 3rd milestone in Google Cloud Facilitator Program, mastering Firebase and Google Storage.