

Theebanraj Uthayakumar

Sr. Software Engineer

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📍 Colombo, Sri Lanka

Profile

Passionate software engineer with 5+ years of experience developing scalable web applications and enterprise-level solutions. Proficient in modern JavaScript frameworks, cloud technologies, and microservices architecture. Proven track record of delivering high-performance applications with measurable impact, including 20% user engagement improvements and 30% performance optimisations. Strong collaborator with expertise in agile methodologies and cross-functional team leadership.

Skills

Languages: JavaScript, TypeScript, SQL, PHP, Python, Swift, C#, Java

Technologies & Tools: Next.js, React, Node.js, Express, Redux, Spring Boot, AWS (S3, CloudFront, Lambda, Serverless, EC2, AWS Secret Manager, RDS), Jenkins, Sonarqube, PostgreSQL, Grafana, Elasticsearch, Agile, Tailwind CSS, Material-UI (MUI), Bootstrap 5, Sass, MongoDB, Jest, GitHub, GitLab, Docker, React Native, Vue.js, Angular, HTML, CSS

Professional Experience

Sr. Software Engineer, *(Matrix Mantra)*

Colombo, Sri Lanka (Remote) Nov 2024 - Present

- Lead the design and development of core components in a unified logistics ecosystem spanning multi-carrier management, fleet mobility, warehousing, and cross-border operations across the GCC and Sri Lanka.
- Architect and deliver end-to-end features using React, Node.js, Next.js, and TypeScript. Build high-availability APIs and microservices that power carrier integrations, routing engines, and real-time operational workflows.
- Improve system reliability, scalability, and data accuracy through strict engineering standards, performance tuning, and automation. Implement monitoring and observability to support real-time logistics decisions.
- Translate complex logistics requirements into practical technical solutions by working directly with product, operations, and business teams.
- Lead code reviews, mentor engineers, and enforce engineering best practices to maintain code quality and accelerate team productivity.
- Contribute to building the GCC's first unified logistics platform—reducing operational leakages, improving efficiency, and enabling cross-border scalability for enterprise customers.

Senior Software Engineer, *(Zapmii)*

Colombo, Sri Lanka (Remote) Jun 2022 - Oct 2024

- Orchestrated the development and upkeep of a dynamic, cloud-native infrastructure to power NFC-enabled social presence cards. Facilitated seamless user management, streamlined microsite generation, and robust data analytics integration.
- Pioneered real-time analytics capabilities to track user interactions, driving a notable 20% surge in user engagement. Additionally, fine-tuned microsite creation processes resulting in a noteworthy 30% reduction in loading times.
- Technologies: TypeScript, Next.js, React.js, Node.js, Express.js, SQL, REST API, Redux Toolkit, AWS (including services like S3, CloudFront, Lambda, and Serverless), Sass, GitHub, Jira, Jenkins, SonarQube, React Bootstrap, Material-UI (MUI), Docker

Associate Front End Developer, *(Aarthy HQC)*

Colombo, Sri Lanka (Remote) Dec 2020 - Jun 2022

- Collaborated cross-functionally to transform design visions into dynamic and intuitive web applications, prioritizing responsiveness and user-centric design principles.
- Played a pivotal role in crafting front-end solutions using HTML, CSS, and JavaScript, ensuring optimal performance and superior user experiences. Diligently conducted testing and debugging, guaranteeing seamless functionality across diverse browsers and devices.
- Leveraged guidance from senior developers to adopt industry best practices, enhancing proficiency in front-end development and contributing significantly to project success.
- Technologies: HTML, CSS, JavaScript, React, React Native, AJAX, REST API, Redux, Sass, GitHub, React Bootstrap, MUI, PHP

Education

Sri Lanka Institute of Information Technology (SLIIT)

Feb 2020 - Mar 2024

BSc (Hons) in Information Technology Specialising in Software Engineering

Relevant Coursework: Enterprise Application Development, Secure Software Development, Software Project Management, Object Oriented Programming, Data Structures & Algorithms, Cloud Computing, Database Systems, Software Architecture, Mobile Application Design & Development