

Sandun Tharaka | Technical Lead

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SUMMARY

Accomplished Technical Lead with 8+ years of experience in full-stack development, cloud solutions (AWS, Azure), and team leadership. Proven expertise in Node.js, React, and CI/CD pipelines, with a track record of delivering scalable, high-performance web applications. Strong problem-solving and communication skills, adept at leading cross-functional teams and driving projects to successful completion.

SKILLS

- **Programming Languages:** Node.js, C#, TypeScript, JavaScript.
- **Frameworks/Libraries:** React, ASP.NET MVC, Sequelize.
- **Cloud Technologies:** AWS (S3, Lambda), Azure (Batch Account, Storage Account, App Services, AI Services).
- **Tools:** Docker, Git, JIRA, ffmpeg, Metabase.
- **Databases:** PostgreSQL, Microsoft SQL Server.
- **Methodologies:** Agile, CI/CD, RESTful APIs.

EXPERIENCE

Technical Lead

Well Tech Solutions (Outsourced to StageClip | United Kingdom)

July 2023 - Present

- Led the migration of AE Nexrender-based video generation to Remotion, reducing processing time by 30% and improving system scalability.
- Conducted code reviews and mentored an 8-member team, improving code quality and team collaboration.
- Aligned business requirements with project timelines, ensuring on-time delivery of high-quality solutions.
- Optimised resource planning and technical solutions, resulting in a 20% improvement in team efficiency.

Associate Technical Lead

Well Tech Solutions (Outsourced to StageClip | United Kingdom)

January 2022 - June 2023

- Led an 6-member team in full SDLC, providing architectural guidance under agile methodologies.
- Spearheaded the development of scalable backend solutions using Node.js and AWS Lambda, reducing server costs by 15%.
- Collaborated with cross-functional teams to design and ship new features, improving user satisfaction by 25%.
- Utilized Azure services (Batch Account, Virtual Machines, AI Services) to automate workflows and enhance system performance.
- Leveraged AWS S3 and Lambda for serverless automation and video preprocessing.

Senior Software Engineer

Well Tech Solutions

September 2019 - December 2021

- Developed scalable backend solutions using TypeScript, Node.js, and Sequelize, improving system performance by 20%.
- Managed SQL Server databases, ensuring optimal performance and reliability.
- Implemented Metabase for BI analytics, enabling data-driven decision-making.
- Implemented web performance tracking via Google Tag Manager and Analytics.

Software Engineer

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March 2016 - August 2019

- Collaborated within a full-stack development team, contributing to all phases of the software development life cycle (SDLC), including design, development, testing, and deployment.
- Developed Office 365 add-ins using JavaScript, React, and Office JavaScript API, focusing on Outlook integration and custom features.
- Gained exposure to a wide range of technologies, including C#, React, JavaScript, and cloud-based solutions, enhancing versatility and technical expertise.

EDUCATION

Bachelor of Science (B.Sc.) Hons, Information Technology

University of Moratuwa • 2016
