DILUM DARSHANA

Lead Full Stack Developer | Node.js/React.js Specialist | AWS Certified

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CAREER SUMMARY:

JavaScript Developer with 15+ years of experience building robust, scalable web applications. Specialised in React.js, Node.js and AWS cloud architecture. 5+ years of team leadership experience, demonstrating strong project management and mentoring developers. Delivers complex projects on time and within the budget while optimising code for performance and leveraging cloud technologies for scalability. Strong facilitator and collaborative leader with exceptional coordination skills.

SKILLS:

- JavaScript, TypeScript
- Node.js, Express.js, NestJS, Serverless
- React.js, Next.js
- Redux, Zustand, TanStack
- DynamoDB, MySQL, PostgreSQL, MongoDB
- REST, GraphQL, WebSockets
- System Design
- Jest, Vitest, Playwright
- K6 (Performance Testing)
- Docker, Terraform, CI/CD, Git
- AWS
- LLM/MCP Integration
- Agile
- Python
- Leadership

WORK EXPERIENCE:

NewPath, United Kingdom
Project: Refurbished Mobile Sales Platform
Tech Lead (Remote Full Stack) | April 2022 - Present

- Designed, developed, and deployed an Equipment Management System for production users using React.js, Node.js, and Serverless framework, delivering within budget constraints.
- Built an AI-driven marketing dashboard integrating Facebook & Instagram Ads APIs with OpenAI, generating actionable insights.
- Leading the SecuredPath revamp for World Bank & UN, implementing React (Vite, Zustand, MUI) with a Serverless backend, enabling remote mobile device management for financial compliance.
- Integrated 7+ third-party APIs(including Raiz and Upswot) integrating accounting data and reducing manual reconciliation errors by 15%.
- Reduced infrastructure creation time using AWS services (Lambda, Cognito, S3, SQS, API Gateway, DynamoDB) to develop and implement CI/CD pipelines through AWS CodePipeline.
- Led a team of 3 developers on project deliverables, managing sprints and code reviews using Jira and GitHub, while reporting directly to the CTO.

Ascentic, Sweden
Project: Electronic Invoice System Automation Platform for Qvalia, Sweden
Tech Lead (Remote Back end focus) | December 2020 - March 2021
- Led the 5+ development team in designing and delivering scalable, high-performance solutions within the timeline.
- Created an automated Chart of Accounts (CoA) system, reducing 90%+ of manual work for accountants to categorising invoice transactions.
- Implemented event-driven architecture with AWS services (S3, SNS, SQS, EventBridge) to enhance system scalability and performance.
- Architected and deployed microservices to improve modularity, maintainability, and system resilience.
- Applied Agile methodologies (Scrum, Sprint Planning, Retrospectives) to streamline development workflows and improve team efficiency.
- Mentored and coached developers, conducting code reviews, technical training, and knowledge-sharing sessions to elevate team expertise.

Eight25media, United States
Project: Custom Web Application Development for Clients in California, USA
Associated Technical Lead (Remote Full Stack) | April 2018 - December 2020
- Led a team of 3–5 developers to define system architecture and implement scalable, maintainable web applications.
- Developed a user tracking and geofencing system for a specific community, utilising AWS SQS to push real-time location data, processed by AWS Lambda for event-driven geolocation handling.
- Launched 5+ full-stack applications using React.js, Redux, Context API, Redux-Saga, and Express.js, improving application performance by 30%.
- Built and maintained RESTful APIs using Express.js, Node.js, and backed by MongoDB, ElasticSearch and Redis, handling 1M+ requests per month.
- Proposed CI/CD pipelines using GitHub Actions and Docker, reducing deployment time by more than 50%.

Gapstars, Netherlands
Project: Student Analytical System for StudyPortals
Senior Software Engineer (Remote Full Stack) | March 2017 - March 2018
- Authored a student data analytics tool using Node.js and Angular 2, delivering automated reporting on student performance metrics and saving instructors 15+ hours weekly in manual effort.
- Designed and implemented backend services in PHP5, ensuring efficient data management.
- Led Agile development processes, serving as Scrum Master to improve team collaboration.
- Conducted code reviews, enforced best practices, and maintained high code quality standards.

Eleos Web, Sri Lanka
Project: E-Commerce and Web POS
Technical Lead (PHP) | June 2014 - February 2017
- Develop and maintain dynamic E-Commerce web applications, Web POS and Analytical report tools for various customers
- Defined and implemented the application architecture and infrastructure on a Linux/Nginx stack.

HSBC Data Processing Lanka
Project: Internal Intranet & Automation Tools
Web Developer | November 2009 - April 2014
- Maintained and enhanced HSBC's internal intranet platform, with a focus on video content delivery and internal communications.
- Developed Excel and PowerPoint macros to automate repetitive tasks, improving team productivity and reducing manual effort.
- Collaborated with global teams to support compliance, internal communications, and reporting initiatives.

Jans Web, Sri Lanka
Project: Web Application Development
Web Developer | June 2007 - June 2009
- Developed and maintained dynamic web applications using PHP and MySQL for small to medium-sized businesses.

CERTIFICATIONS:

2024 | AWS
AWS Certified Security Specialty

2023 | AWS
AWS Certified Developer - Associate

2021 | AWS
AWS Certified Solutions Architect- Associate

EDUCATION:

University Of Colombo, Sri Lanka
Bachelor of Science in Physical Science (Computer Science, Mathematics and Statistics)

University Of Colombo, Sri Lanka
Higher Diploma in Information Technology