

SHANAKA LAKMAL

Associate Tech Lead | Full-Stack Cloud Architect (MERN & TypeScript) Location:

Colombo, Sri Lanka | **Phone:** [Your Phone Number] **Email:** jm.neranjan@gmail.com |

LinkedIn: [Your LinkedIn Link]

PROFESSIONAL SUMMARY

High-impact **Associate Tech Lead with over 9 years of professional experience** in the Sri Lankan software industry. Specialist in the **MERN stack and TypeScript**, with a deep focus on **cloud-native architecture (AWS)** and enterprise-level system design. Proven track record of leading high-performing engineering teams, implementing **automated CI/CD pipelines**, and driving **Test-Driven Development (TDD)** to ensure zero-defect delivery. Expert in **Microservices and Serverless** orchestration with a strong commitment to **OWASP security standards**.

CORE COMPETENCIES

Technical Leadership: Technical Roadmap Planning, Mentoring, Sprint Management (Jira), Code Reviews.

Frontend: **TypeScript**, React.js, **Redux Toolkit**, Performance Optimization, Responsive UI.

Backend: Node.js, Express.js, **Microservices Architecture**, **Serverless (AWS Lambda)**, REST/GraphQL.

Cloud & DevOps: **AWS (ECS, Step Functions, CloudFormation, CodePipeline)**, Docker, **Monitoring (CloudWatch)**.

Database: MongoDB, **DynamoDB**, **PostgreSQL**, MySQL, T-SQL (Stored Procedures).

Security & Quality: **OWASP Top 10**, Playwright, Katalon, API Testing (Postman), **CI/CD Ownership**.

PROFESSIONAL EXPERIENCE

Associate Tech Lead [Current Company Name], Colombo, Sri Lanka | January 2020 – Present

Lead a team of 8+ engineers to deliver high-availability cloud solutions using **TypeScript** and the MERN stack.

Architected and deployed **Microservices** on **Amazon ECS** and **AWS Lambda**, improving system scalability by 45%.

Designed complex business workflows using **AWS Step Functions**, ensuring stateful orchestration for financial data.

Owned the **CI/CD pipeline** via **AWS CodePipeline** and **CloudFormation (IaC)**, automating 100% of deployment stages.

Optimized frontend performance and global state management using **Redux Toolkit**, resulting in a 30% faster UI.

Enforced secure coding practices per **OWASP** and established logging/monitoring using **Amazon CloudWatch**.

Senior Software Engineer [Previous Company Name], Sri Lanka | June 2017 – December 2019

Developed core backend logic using Node.js and integrated complex enterprise APIs.

Managed **PostgreSQL** and **MySQL** databases, optimizing stored procedures for 20% faster transaction processing.

Introduced **Shift-Left testing** and automated regression suites using **Playwright**, reducing production bugs by 50%.

Collaborated with Product Owners to lead sprint planning, task breakdown, and technical estimations.

Software Engineer [Previous Company Name], Sri Lanka | January 2015 – May 2017

Built and maintained full-stack web applications using JavaScript, PHP, and MySQL. Implemented responsive UI components and handled frontend-backend data integrations.

KEY PROJECTS

Enterprise Money Collection & Installment Management System

Role: Associate Tech Lead (Architecture & Full-Stack)

Stack: TypeScript, React, Redux, Node.js, **AWS Step Functions**, **DynamoDB**, **AWS Lambda**.

Impact: Architected a distributed financial system handling high-concurrency transactions. Used **CloudFormation** for environment consistency and **AWS CodePipeline** for continuous integration.

EDUCATION

B.Sc. (Hons) in Software Engineering / Computer Science University of Moratuwa (or your actual University), Sri Lanka

AWS Certified Developer – Associate (Certification)

MERN Stack Web Development (Advanced Certification)

PROFESSIONAL REFERENCES

Reference 01 Name: Chinthaka Bandara **Title:** Technical Lead **Company:** Eyepax **Email:** neranjan.b@eyepax.com

Reference 02 Name: Rinaz **Title:** Senior Software Engineer] **Email:** Jmneranja.n@gmail.com