



Mayantha Jayawardena (MJ)

Full-stack Tech Lead/ Sr. Software Engineer

Profile

A dynamic and adaptive Full Stack Technical Lead with over 7 years of experience in the software development industry. Known for exceptional skills in smart working, team handling, and responsibility taking, I have a proven track record of leading teams to success in challenging environments. For the past 2 years, I have excelled in a leadership role, guiding my team through complex full-stack projects with a hands-on approach and innovative solutions.

I am currently seeking a full remote position where I can continue to grow as a Technical Lead or Senior Software Engineer, contributing my expertise to innovative projects and leading teams towards excellence.

Contact

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Education

- **University of Kelaniya Sri Lanka**
BSc SP. Computer Studies
- **Sri Lanka Institute of Information Technology**
Bsc(Hons) in Software Engineering

Tech Stack

- TypeScript/NodeJS/Python
- React/Vue/Next/Angular
- React Native/Flutter
- Android/iOS
- NestJs/TypeORM/Prisma
- Jest/Detox
- MySQL/SQL/PostgreSQL
- MongoDB/DynmoDb/Cassandra
- Firestore/Firebase Realtime DB
- Redis/Memcached
- BigQuery/Hadoop
- Docker/Kubernetes

Work Experience

● May 2022 – Present

Company Name | PelicanCube – Sri Lanka/UK

Full-stack Technical Lead | Solution Architect

Led product architecture and tech stack definition, managed delivery, deployment, and code quality. Oversaw team management, hiring, and performance management.

Elder PA (UK) – a comprehensive elderly service platform, involves a user-friendly website, supplier portal, and a robust admin panel.

(React Next.js/Redux/Node Nest.js/Jest/TypeORM/MongoDB/AWS/CI & CD/SonarQube/Jira/Github)

Webio Debtors Portal (Ireland) – a platform integrating Customer and Supplier Portals, along with an Admin Panel and Backend. This system streamlines payment reminders, dues settlements, and rescheduling, enhancing efficiency in managing financial transactions and client relationships.

(React Next.js/Redux/Node Nest.js/Jest/TypeORM/MySQL/AWS/SQS/CI & CD/SonarQube/Jira/Github/GitLab)

Webio Forms (Ireland) – a cutting-edge dynamic form generator system. Expertly handled client-side UI, admin panel, and backend modules. Specialized in creating conditional forms, efficient data collection, and intuitive data visualization, enhancing user experience and operational efficiency.

(React Next.js/Redux/Node Nest.js/Jest/TypeORM/MySQL/AWS/CI & CD/SonarQube/Jira/Github/GitLab)

Kanso (Ireland) – a mobile app and backend system for efficient bank-customer communication, addressing queries and issues seamlessly through SMS and Emails.

(React Native/Python Django/Detox/Jest/TypeORM/MySQL/AWS/SQS/CI & CD/SonarQube/Jira/Github)

Railway System (Sri Lanka – Ongoing) – as Lead Architect for Sri Lanka's Railway System, I led the development of an extensive railway management system, including mobile apps, websites, and admin portals. This solution features ticket booking, seat reservation, luggage management, train tracking, real-time data, advanced reporting, dynamic pricing, and terminal integration, ensuring high availability..

(React native/ReactNext.js/Mircoservices(Python/Nodejs/.net)/Detox/Jest/PostgreSQL/MongodDB/OpenSearch/CI & CD/ SonarQube/Docker/Kubernetes/ App Center/Jira/GitLab/Redis/ Memcached/Nginx/Shell/Kafka/RabbitMQ)

● Feb 2020– Dec 2023

Company Name | SmartLife – New Zealand

Senior Lead Software Engineer

- Jira/Bitbucket/GitHub/GitLab
- SonarQube/Jenkins
- gRPC/Kafka/RabbitMQ/RocketMQ
- GCP/AWS/Ali Cloud/Azure
- Netlify/Vercel/Digital Ocean
- OpenSearch/ELK Stack/Grafana
- Looker Studio/Tableau

Skills

- Quality Assurance
- Advanced Programming
- Product Desing
- Product Architecture
- Delivery Management
- Team Management
- Performance Management
- Talent Acquisition
- Client Communication and UAT Handling
- Risk Management
- Team Conflict Resolution
- Problem Solving

SmartLife – a comprehensive smart home system with a user-friendly mobile app. Features include device control, AI-based security, and energy optimization. Integrated with Tuya, Alexa, and more for a seamless experience. Managed mobile, admin, and backend modules for this advanced, energy-efficient smart home solution.

Software Projects – Smartlife Connect IoT platform | IoT Device Connector Firmware | Smartlife Connect/Pro mobile application | Smartlife Vision AI/ML | Smartlife Energy Solutions | Smartlife Data Manager

(React Native/React Js/Angular/Redux/Node Js/GraphQL/Python/MongoDB/ PostgreSQL/ Redis/ Bitbucket/ Jira/AWS/GCP/ Firebase/Firestore/App Center/Micro Services/CI & CD/Shell)

Dec 2017– Present

Company Name | VISION8 R & D – Sri Lanka

Head of Innovations | Solution Architect

Led product designing, architecture, defined tech stack, and managed delivery and deployment at VISION8. Ensured code quality, team efficiency, and spearheaded hiring and performance management.

AL Kuppiya (Sri Lanka)– is the leading online education platform in srilanka, offering live classes, on-demand video streaming, and a range of courses. Features include versatile payment options, efficient advertising, advanced data handling, and insightful data visualization. It encompasses a mobile app, desktop app, teacher portal, admin portal, and robust backend, delivering a comprehensive e-learning experience.

(React Native/ React Js/ Electron/ Redux/ Node Js/ GraphQL/ Python/ MongoDB/ MySQL/ Redis/ Bitbucket/ Jira/ GCP/Firebase/Firestore/App Center/Micro Services/CI & CD)

JanMasters (Canada)– online platform for streamlined cleaning services management, featuring client booking, secure payments, and real-time alerts. Comprehensive modules include client website, supplier portal, administrative interface, and robust backend. Specializes in efficient scheduling, team assignments, and worker payment processing, ensuring seamless operations and high customer satisfaction..

(Angular/NodeJs Nest.js/TypeORM/ python/ MySQL/ Redis/ Bitbucket/ Jira/GCP/Firebase/ Firestore/ CI & CD)

WatersEdge Dine at Home (Sri Lanka)– is an online food ordering and delivery platform, featuring real-time tracking, efficient delivery management via a driver app, secure payment processing, and advanced data logging and visualization across its client website, driver mobile application, and admin portal.

(React Native/ React Js/ Redux/ Node Js/ Python/ MongoDB/ MySQL/ Redis/ Bitbucket/ Jira/ GCP/Firebase/Firestore/ App Center/Micro Services/CI & CD/ Kafka/ Serverless)

VISION Education(Own Product)– complete solution for online classes management

(React Native/ React Js/ Redux/ Node Js/ MySQL/ Redis/ Bitbucket/ Jira/ GCP/Firebase/ App Center/CI & CD)

Weehena Cloud ERP(Sri Lanka)– Comprehensive ERP solution , streamlining all farm operations, finance, and resource management.

(React Native/ React Js/ Redux/ Node Js/ Python/ MongoDB/ MySQL/ Redis/ Bitbucket/ Jira/ GCP/Firebase/Firestore/ App Center/Micro Services/CI & CD/ Serverless)

2017 – 2018

Company Name | Dreamfx – Sri Lanka

Software Engineer

Developed and delivered diverse software projects, leveraging skills in full-stack development, including SQL, PostgreSQL, JavaScript, AWS, CSS, MVC frameworks, Laravel, CodeIgniter, CI/CD, Python, HTML, back-end development, MySQLi, MySQL, Android Development, iOS, MS SQL Server, CakePHP, Jira, OOP, and Agile methodologies, and GCP

2015 – 2017

Company Name | Star Soft Lanka – Sri Lanka

Software Engineer

Developed and delivered various software projects using Java, MariaDB, and JavaScript. Expertise in MVC, Laravel, Hibernate, and Python, with strong skills in Android SDK, iOS, HTML, MySQL, PHP, and full-stack development. Proficient in CakePHP, Jira, OOP, and Agile methodologies