

DIMUTHU LAKMAL

LEAD SOFTWARE ENGINEER

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PROFESSIONAL SUMMARY

I entered the software engineering industry over 7 years ago and bring 5 years of professional experience as a solution driven professional passionate about scalable architecture , clean code, and collaborative teamwork . My expertise spans backend systems , DevOps, and the full software development lifecycle from legacy system modernization to microservices adoption and real time event processing. I excel at addressing complex engineering challenges with practical, results oriented solutions, leveraging hands on experience in cloud platforms, monitoring systems, and modern development frameworks .

WORK EXPERIENCE

TECHNICAL SPECIALIST - Service Automation (Lead Software Engineer) | Wiley December 2024 – Present
Global Technology (pvt) Ltd (Sri Lanka)

- Leading a team focused on enhancing and maintaining a legacy system, delivering new feature implementations, and architecting and overseeing the design and development of a cloud-based, near real-time event processing system.
- Developed of an Agentic AI system that enhances automation capabilities and self-services, saving a significant number of working hours previously spent on non-core tasks such as requesting permissions and collaborating with other teams to complete routine jobs.

SENIOR SOFTWARE ENGINEER | Promiseq GmbH (Remote) December 2022 – November 2024

- Resulted in over 50% increase in system performance through transition from serverless architecture for microservice system.
- Led architectural decisions for implementing microservices, optimizing development with NestJS, TypeScript, and Docker among others resulting in a reduction of occasional downtime to meet time-critical needs.
- Achieved a significant improvement in code quality by establishing standards and streamlining the development process.
- Improved code review efficiency through automation, ensuring consistent quality across developments.
- Ensured efficient investigations and tech decisions for enhancing system inter-connectivity.
- Collaborated with DevOps and cross-functional teams to enhance project outcomes and operational effectiveness.

APPLICATION PERFORMANCE ENGINEER (MONITORING ENGINEER) | Wiley June 2022 – December 2022
Global Technology (pvt) Ltd (Sri Lanka)

- Improved application reliability with custom monitoring setups.
- Demonstrated creativity and problem-solving skills in BAU (Business-As-Usual) and ad-hoc tasks to improve team efficiency and reduce downtime.
- Gained hands-on experience in tools like Zabbix, Dynatrace, Big Panda, Cortex, and JavaScript/TypeScript, Python, Shell scripting stacks.

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- Delivered 50+ software projects using TypeScript, Firebase, Python.
- Maintained 100% client satisfaction with 5 star rating through tailored, high-quality solutions.

- Contributed to the design and implementation of robust systems as a Fullstack Developer and DevOps Engineer, optimizing scalability and operational efficiency.
- Leveraged technologies such as Go Lang and Docker, achieving efficiency in of the software product.

TECHNICAL SKILLS

Programming Languages: TypeScript, JavaScript, Python, Go (Go Lang), Shell Scripting (Bash), .NET, Java, PHP

Frameworks: NextJS (React), Gatsby (React), NestJS (Express & Fastify), Fiber (Go), Express (NodeJS), Fastify (NodeJS), Flask (Python)

Web Technologies: HTML5, CSS3, React, Vue, Bootstrap, Tailwind, Shadcn, Angular, WebRTC, HLS, Web Socket

State Management: Vuex, Redux, Zustand, urql

Messaging Services: RabbitMQ (AMQP), Redis, MQTT

Databases: Firestore, MongoDB, MySQL, MariaDB, SQLite, Redis Persistence, PostgreSQL

DevOps: Docker, Kubernetes, Jenkins, GitLab CI, GitHub Actions, Argo CD, Flux CD, Linux

Monitoring: Grafana, Prometheus, Cortex, ELK stack, Elastic APM, Dynatrace, PagerDuty, Zabbix, Big Panda

Other Tools & Technologies: GCP (Google Cloud), AWS (Amazon Web Services), Cloudflare, Stackstorm, Vercel, Apache JMeter, Jira, Agentic AI, Confluence, Notion, MkDocs, Model Context Protocol

Languages: English, Sinhala (Native)

EDUCATION