

Nishanthan Baskaran

Technical Lead / Product Owner

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<https://nishanthan.help/>

Colombo, Sri Lanka

PROFILE

Technical Lead and Product Owner with 10+ years of experience architecting SaaS platforms and managing the full SDLC.

- **Scale & Leadership:** Managed cross-functional delivery of enterprise platforms for the EU ESG market, translating complex compliance requirements into actionable technical roadmaps.
- **Integration Architecture:** Architected high-volume data pipelines connecting 6 major Nordic ERPs (Fortnox, Visma Ekonomi, TripleTex, BC, Signup Fno, Control Edge).
- **AI Delivery:** Engineered an OpenAI RAG engine and agentic workflows (Agno/CrewAI) that automated carbon emission classification, reducing manual processing time by over 60%.
- **Engineering Velocity:** Accelerated deployment frequencies by 40% through the implementation of OpenTofu (IaC) and AI-augmented development workflows.

WORK EXPERIENCE

Backend Lead Engineer | [Atmoz.io](#) | Sweden (Remote) Sep 2024 – Present

- Worked on an event-driven integration layer using Azure Functions and OpenTofu, automating the ingestion of 10,000+ monthly financial records across major Nordic ERP systems (Fortnox, Visma, TripleTex).
- Deployed data pipelines connecting ERP apis to fetch and manage customer data for spend based carbon accounting.
- Deployed an invoice ai agent classification engine to manage and categorize invoices into scope based categories, This helped confirming a new pipeline for how invoice data migrations were designed to move out of direct ERP apis.

Software Engineer | [Winevalet](#) | Australia (Remote) Aug 2023 – Sep 2024

- Directed architectural solutions for a high-traffic WooCommerce environment, optimizing PHP plugin integrations to support a 30% increase in platform throughput without performance degradation.
- Standardized version control, code auditing, and deployment protocols, cutting deployment friction and reducing critical system downtime by over 90% during peak usage events.
- Delivered complex custom REST APIs and recommendation engine integrations, reducing third-party vendor integration timelines by 30%.

Fullstack Developer | [Multiplier](#) | Singapore (Remote) Mar 2022 – Aug 2023

- Built backend features using Java Spring Boot and GraphQL, contributing to enterprise payroll and compliance functionality used across 100+ countries.
- Sole engineer on the Invoice Source Reporting feature is a tax compliance tool built from scratch and still in active production use — introducing multi-currency salary calculations across employee payroll workflows.
- Maintained strict TDD practices achieving 85%+ code coverage across enterprise features.
- Optimized complex relational database schemas (PostgreSQL) using XML Liquibase, resolving legacy bottlenecks and improving query execution speeds by 50% for core reporting features.
- Contributed to the redesign of legacy CI/CD pipelines, accelerating release cycles from bi-weekly to continuous daily deployments.

Senior Software Engineer | **Atlas Labs** | Sri Lanka *Feb 2020 – Jun 2022*

- Engineered scalable Salesforce object structures and Laravel/Eloquent ORM data layers for a home interior platform serving multiple enterprise clients.
- Guided a 4-person engineering squad through the SDLC, maintaining a 100% on-time sprint delivery rate while ensuring strict adherence to architectural guidelines.

Scholar (Full-Stack Engineer) | **Pearson Lanka** | Sri Lanka *Jan 2016 – Feb 2020*

- Functioned as a core full-stack software engineer over a 5-year tenure, taking complete technical ownership of multiple enterprise products from conception to deployment.
- Single-handedly engineered and deployed an end-to-end insurance claims web application using Angular and Java Spring Boot, successfully eliminating manual, paper-based processing.
- Delivered 3+ native iOS applications (Swift/Objective-C), translating complex UI/UX mockups into production-ready features used daily by internal stakeholders.

ACADEMIC & ADVISORY EXPERIENCE

Visiting Lecturer | **Informatics Institute of Technology** | Sri Lanka (Affiliated with Univ. of Westminster) *Sep 2020 – Aug 2023*

- Lecturing undergraduate classes of 50+ students on advanced Java programming and software engineering principles.
- Serving as a university-appointed examiner, evaluating final-year architectural projects on system design, execution, and technology stack selection.

EDUCATION

Bachelor of Software Engineering (BEng) — First Class Honours *2015 – 2020*

University of Westminster