LAHIRU RAMESH
Full stack developer

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Professional Summary

I have been a software engineer for over seven years. I excel in leading, designing, and developing successful projects, as well as in problem-solving. I enjoy learning new technologies and possess a blend of technical and interpersonal skills. My primary objective is to deliver secure, reliable, high-quality products with clean code.

Technical Skills

Programming Languages	Artificial Intelligence	Front-end Development	Backend Development & Databases	DevOps & Cloud
• Python • Typescript • Javascript • Java • PHP • C++	• TensorFlow • Gen AI • Agentic AI • Machine Learning	• ReactJs • NextJs • VueJs • Flutter • Cypress • Tailwindcss • HTML5/Css3	• NodeJs • NestJs • Django • Spring • MySQL • PostgreSQL • MongoDB	• GitHub actions • Docker • Kubernetes • Serverless • Jenkins • CI/CD • AWS • Google Cloud • Kafka • Terraform

Work Experience

Full-stack Developer (Remote/Part-time) - Nature preserve (06/2023 – 12/2024)
- Contributed as a Data Engineer to develop an AI-powered assistant that predicts the lowest carbon emission strategies for clients' product supply chains.
- Refactored "climate-impact-calculator" codebase to enhance cleanliness, and scalability by reducing average response time from 8 seconds to under 500 milliseconds.
- Played a key role as a Full Stack Developer in an innovative drawing tool for mapping the entire supply chain, streamlining supplier and client onboarding, and enabling seamless data sharing to simplify supplier data collection.
- Developed and documented authentication, authorization, tenant and user management for a multi-tenant web application to streamline the onboarding process for companies and their subsidiaries.

Senior Software Engineer (Remote/Full-time) - Eyepax IT Consulting (01/2023 – 04/2024)
- Engaged as a full-stack engineer in building a comprehensive platform for real estate agencies to centralize the management of real estate agreements across all Australian states, streamlining operations.
- Developed unit tests and Cypress end-to-end tests for each workflow, ensuring the delivery of a high-quality product for end users.

- Contributed as a full-stack engineer to the re-architecture with event sourcing to simplify creating and managing real estate agreements.

Associate Technical Lead - [InsureMe Digital Services](#) (01/2020 – 01/2023)

- Led a team of 7 members in the engineering department to establish long-term company goals.
- Supervised the development of outsourced teams to achieve cost savings and create room for growth.
- Acquired cybersecurity certifications from vendors to enhance the security of products.
- Managed the development of four SaaS products, guiding each from MVP to onboarding over 3 clients.
- Configured Jenkins, CI/CD pipelines and monitoring tools for each SaaS product in both internal and client cloud environments, enabling fast delivery and centralized visibility of all products.
- Collaborated closely with clients and vendors to establish processes between products and clients, optimising and streamlining operations.

Software Engineer - [InsureMe Digital Services](#) (08/2018 – 01/2020)

- Led the revamp of the website and internal apps, resulting in a 12.1% annual sales growth in 2018.
- Mentored junior developers to continue product development and provide operational support.
- Served in a DevOps role to expedite the development of new products and maintain existing developments.

Associate Software Engineer - [InsureMe Digital Services](#) (09/2017 – 07/2018)

- Developed SSO auth application which provided access to all internal applications.
- Integrated insurance premium calculators to the Aggregator system.

Education

- **Postgraduate Diploma in Enterprise Application Development** ([Sri Lanka Institute of Information Technology](#)) (07/2021 – 01/2023)
  Courses: Enterprise Software Architecture, Enterprise Mobility, Enterprise Software Analysis and design, Distributed Computing, Artificial Intelligence, Machine Learning, DevOps, IoT

- **Bachelor of Science** ([University of Colombo, Sri Lanka](#)) (01/2014 – 01/2017)
  Courses: Computer Science, Mathematics and Statistics

Language

- Swedish (Learning)
- English(Fluent)

Interests

- Run marathon
- Drawing
- Play chess
- Play cricket/carrom

References

References are available upon request.