



2026.

...ng foundation in Computer Science, recently

...the ability to excel both independently and in collaborative

..., and energy, driven by a deep curiosity and passion for

SQL, PHP, C++, HTML/CSS

Angular, React

..., Kubernetes, Apache Kafka, AWS, Postman, Castle mock

RESTful API, GraphQL, CI/CD, Machine Learning, Software

Distributed Systems, Agile Software Development, Scrum

English and native proficiency in Sinhala.

Aug. 2023 – July 2025

Helsinki, Finland

Mar. 2014 – Dec. 2017

Science & Engineering. (First Class Honours)

Moratuwa, Sri Lanka

Aug. 2024 – Dec. 2024

Helsinki, Finland

ng research and

<div>WSO2 (Pvt. Ltd)</div> <div>Software Engineering Intern</div> <ul style="list-style-type: none"> Conducted performance evaluations of machine learning algorithms in both batch & streaming data processing scenarios. Analysed trade-offs and scalability of different ML approaches under real-time constraints. Contributed architectural insights to enhance WSO2’s event processor platform for integrating Streaming ML tools. <div>Projects</div>	<div>Jul. 2016 – Dec. 2016</div> <div>Colombo, Sri Lanka</div>
<div>Engineering Process Diagram Generation with Large Language Models Python, LLMs</div> <ul style="list-style-type: none"> As part of my Master’s thesis within the Empirical Software Engineering research group, I joined an existing project to investigate automated engineering diagram generation. I developed a Python-based application that integrates a retrieval-augmented generation (RAG) system with a third-party diagram-generation tool (DWSIM) and LLMs to produce Piping and Instrumentation Diagram (P&IDs) from textual specifications. The prototype demonstrated the feasibility of LLM-driven diagram automation, streamlining documentation workflows and laying the groundwork for further research into RAG-enhanced engineering tools. <div>CodeGen Project 2 (FCTG) Java, Angular, React, CI/CD, Git, Lucene cache</div> <ul style="list-style-type: none"> Led a Scrum team within a large-scale project team to tailor and enhance the TravelBox™ product for Flight Centre Group, aligning with evolving client requirements to improve business operations. Designed and delivered new RESTful APIs for both web frontends and external consumers, enabling the integration of a third-party tour system (TourRadar) into the TravelBox™ reservation platform. Ensured system scalability and maintainability. Consistently met deadlines and delivered high-quality outputs, which contributed to strong client satisfaction and smooth project progression. 	<div>Aug. 2024 – Feb. 2025</div> <div>June 2020 – May 2025</div>
<div>CodeGen Project 1 (DSN) Java, Spring, SQL, GitLab, Jenkins, JIRA, RabbitMQ, Redis</div> <ul style="list-style-type: none"> Contributed as a Software Engineer to enhance and adapt the TravelBox™ platform for one of the world’s largest theme park chains, supporting their ticketing and reservation operations across multiple channels (TravelBox™ 	<div>Mar 2018 – May 2020</div>