

LEO FELCIANAS

Software Engineer | DevOps Engineer

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SUMMARY

DevOps Engineer and Software Engineer with a first-class honors degree in Software Engineering. Experienced in backend development, automation, and infrastructure management. Currently optimizing system performance, leading migrations, and enhancing CI/CD pipelines at Empite. Passionate about building scalable systems and efficient software solutions.

EXPERIENCE

DevOps Engineer

Empite

08/2025 - Present Colombo, Sri Lanka

- Developed automated test scripts for embedded systems, reducing testing time by 35% and improving reliability.
- Designed and implemented a tool for monitoring system performance, enhancing data accuracy by 15%.
- Implemented auto-scaling solutions, achieving a 20% cost reduction while maintaining high availability and security.
- Executed disaster recovery plans and led system migrations to immutable infrastructure using Terraform, minimizing downtime and ensuring seamless transitions.
- Conducted comprehensive load testing using Artillery, identifying and resolving Terraform module scalability issues, improving infrastructure scalability by 70%.

Associate DevOps Engineer

Empite

11/2024 - 07/2025 Colombo, Sri Lanka

- Contributed to the development of a user interface for mission-critical software, increasing usability by 30%.
- Conducted peer code reviews to maintain quality and consistency, reducing errors in production by 15%.
- Supported the deployment of a software update across 10 systems, ensuring a smooth transition with zero downtime.
- Migrated legacy projects to modern infrastructures, reducing costs by 3x and enhancing maintainability.

Software Engineer Intern

Empite

07/2024 - 10/2024 Colombo, Sri Lanka

- Contributed to the development of NestJS microservices and integrated Next.js frontends, boosting performance and scalability.

Freelance Software Engineer

Freelance

03/2020 - Present

- Developed and deployed enterprise-level software solutions for clients worldwide, specializing in GoLang, NestJS, Next.js, Vite, and PostgreSQL.
- Delivered cloud-based ERP and HR solutions, integrating with various cloud tools to improve client operations and scalability.
- Partnered with high-growth startups to build and scale backend systems
- Collaborated remotely with international clients, providing tailored software development, system optimization, and integration services.

EDUCATION

BSc in Software Engineering - First Class Honors

University of Plymouth

03/2020 - 12/2024 Plymouth, United Kingdom

KEY ACHIEVEMENTS

Project Revitalization

Revived a failed project by designing and developing infrastructure solutions from scratch and successfully deploying it into production.

Freelance Success

Worked with global clients, delivering complex software solutions and cloud-based ERP systems, receiving consistent positive feedback for quality and timely delivery.

SKILLS

Programming Languages & Frameworks

Go, TypeScript, NestJS, Next.js, Java, C#

Cloud Platforms & Tools

AWS, Azure, Docker, Kubernetes, Terraform, CI/CD

Databases

PostgreSQL, MySQL, MongoDB

Soft Skills

Collaboration, Problem Solving, Project Management, Agile methodologies, Task and time management, Deadline-oriented, Adaptability & Learning

CERTIFICATION

AWS Cloud Practitioner Essentials

Amazon Web Services (AWS)

INTERESTS

Coding Challenges

Enjoy solving complex problems through coding and participating in hackathons.

Mentorship

Dedicated to helping others grow by sharing knowledge and experience in programming.