



PESHALA PERERA

FULL-STACK SOFTWARE ENGINEER

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EXPERIENCE

AUG 2025 - PRESENT

Ansely Pvt Ltd | Senior Software Engineer

- Led the design and development of scalable backend systems ensuring high reliability.
- Built and maintained RESTful APIs and microservices with strong focus on performance.
- Mentored engineers through code reviews, design sessions, and best engineering practices.
- Drove sprint planning, technical strategy, and cross-team collaboration for smooth delivery.

APR 2023 - AUG 2025

XGen Group | Software Engineer

- Architected and maintained CI/CD pipelines with Docker, cutting deployment time.
- Integrated cloud-based storage (AWS S3) and document management workflows into fintech platforms.
- Running code reviews, pair-programming sessions, and internal tech demos.
- Enforced secure coding standards (OAuth2, JWT) and SOLID principles, reducing critical bugs.

SEP 2021 - APR 2023

XGen Group | Associate Software Engineer

- Developed and supported full-stack fintech solutions using Laravel, React.js, Vue.js, Node.js, and Flutter.
- Built and consumed RESTful APIs, optimized SQL queries on MSSQL and PostgreSQL, improving transaction throughput.
- Collaborated in 2-week agile sprints - sprint planning, daily stand-ups, retrospectives, and backlog grooming.
- Automated unit and integration tests using Jest and Mocha.

APR 2021 - SEP 2021

XGen Group | Software Engineer Intern | Colombo, Sri Lanka

- Assisted in front-end development using React.js and Flutter, implementing UI components per design specs.
- Supported backend API development in Node.js - wrote endpoints, fixed bugs, and helped with data modeling.
- Learned and applied Git branching strategies, CI workflows, and agile best practices in a production environment.
- Documented feature requirements and contributed to sprint planning and peer code reviews.

EDUCATION

BSc in Computer Science | University of Westminster | 2020 – 2025
BCS International Higher Education Qualification (HEQ) | 2020 - 2023
Devi Balika Vidyalaya, Colombo 08 | 2019 A/L

SUMMARY

Results-oriented Full-Stack Software Engineer with over four years of progressive experience delivering high-impact solutions in fintech and enterprise systems. Proven track record in both frontend and backend development, leading backend architecture, and deploying scalable microservices in cloud-native environments. Skilled in building responsive web and mobile applications using modern frameworks and tools. Adept at collaborating with cross-functional teams, mentoring junior engineers, and upholding high standards of code quality, security, and system reliability. Recognized for rapid career growth, continuous learning, and commitment to engineering excellence in fast-paced, agile-driven organizations.

KEY ACHIEVEMENTS

- Improved operational efficiency through the implementation of clean-code SOLID principles.
- Accelerated software delivery through automated CI/CD pipelines and agile-based development.
- Enhanced application security and code quality with advanced testing practices and Git versioning workflows.

CERTIFICATIONS

- DevOps Foundations
- Building RESTful APIs with Node.js and Express
- Spring Boot Microservices
- Angular & Vue.js Essentials
- Advanced Express
- Applied Machine Learning Foundations
- Docker and Kubernetes Essentials
- Node.js Security and API Testing
- Natural Language Processing with PyTorch

RESEARCH PROJECTS

- Perera, P., & Sumanathilaka, D. (2025). Recent Trends and Challenges in Assistive Applications for Sinhala-Speaking Adults with Dyslexia.
- Perera, P., & Sumanathilaka, D. (2025). A Low-Resource Speech-Driven NLP Pipeline for Sinhala Dyslexia Assistance.

SKILLS

- Languages - PHP, MERN Stack, JavaScript, Python, Java
- Frameworks - Laravel, Vue.js, React.js, Express.js, Flutter
- DevOps & Cloud - Docker, Amazon S3
- Databases - MSSQL, PostgreSQL, MySQL, Oracle
- Other - Full-Stack Development, REST APIs, Agile/Scrum, Git, CI/CD Pipelines, OAuth2, Microservices Architecture

REFERENCES

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