

Ye Lwin Soe

Senior Full-Stack Developer | React | Python | Node.js | AWS | Remote Contract, 25 hrs/week

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Student visa, eligible to work in New Zealand up to 25 hrs/week

PROFESSIONAL SUMMARY

Senior full-stack developer and software engineer with 11 years of experience building React and Python web applications across fintech, recruitment, and media. Proven track record of owning projects end-to-end, from system architecture and REST API design through to AWS cloud deployment and production support, working independently with minimal oversight. Experienced remote contractor, async-friendly, available 25 hours per week, with a background spanning solo founder, team lead, and senior individual contributor roles.

TECHNICAL SKILLS

Frontend React, Next.js, TypeScript, JavaScript, HTML5, CSS3

Backend Python, FastAPI, Django, Node.js, Express.js, PHP, Laravel

Cloud and DevOps AWS, Google Cloud, Docker, Kubernetes, CI/CD, GitHub Actions, Jenkins

Databases PostgreSQL, MySQL, MongoDB, Redis

Methodologies REST APIs, GraphQL, Microservices, Agile, Scrum, Code Review, TDD, Team Leadership

WORK EXPERIENCE

Full-Stack Developer Government of Singapore Investment Corporation (GIC) *Oct 2023 - Mar 2026*

- **30% faster APIs** reduced response times on data-heavy financial dashboards by building a Python backend with Redis caching and role-based access control, used daily by investment teams.
- **10+ apps unified** built a React micro-frontend framework that brought together separate investment and analytics tools into one platform, letting each team deploy on their own schedule without affecting others.
- Worked directly with analysts, project managers, and designers to scope and deliver features end-to-end, translating financial workflows into interfaces that non-technical users could navigate without training.

Lead Software Developer FindJobs Pte Ltd, Singapore *Jul 2020 - Sep 2023*

- **90% faster builds** rebuilt the CI/CD pipeline from scratch using GitHub Actions and Docker, cutting build times from over two hours to under 20 minutes and letting the team ship daily instead of weekly.
- **500% traffic growth** re-architected the job portal frontend in Next.js with server-side rendering, dramatically improving search engine indexing and organic search performance.
- **Zero deployment outages** designed a reliable AWS infrastructure using Kubernetes and Docker that eliminated the recurring incidents costing the team hours of response time each week.
- Led the engineering team day-to-day, ran Agile sprints, made architectural decisions across React and Python codebases, and stayed hands-on with code throughout.

Senior Software Engineer GrabJobs Pte Ltd, Singapore *Mar 2019 - Jul 2020*

- **300% traffic handled** scaled the platform by redesigning the server-side rendering architecture in Next.js and migrating key services from a monolith to microservices.
- **50% revenue increase** built and integrated a Stripe subscription system for employer accounts, handling billing edge cases, failed payment flows, and subscription state management.

- **20% less downtime** overhauled the logging and monitoring stack with ELK and Prometheus, giving the team early visibility into issues before users noticed them.

Co-Founder and CTO BitsGreat, Singapore

Jun 2018 - Sep 2019

- Built the entire platform solo using React and Python, including payment integration and AWS cloud infrastructure, taking it from idea to live international customers.
- Owned all technical decisions alongside product direction, vendor relationships, and customer support, which gave me a strong sense of how engineering choices affect the rest of a business.

Software Engineer Nanyang Technological University, Singapore

May 2018 - Mar 2019

- **200% throughput gain** built a Python automation tool using the SOLO v3 object detection algorithm to pre-label training videos for self-driving car research, processing 500+ videos per week.
- Designed a partial pre-labelling technique that maintained annotation accuracy while significantly cutting the manual effort required from the research team.

Senior Web Developer EVVO Media Pte Ltd, Singapore

Mar 2016 - May 2018

- **500% faster processing** automated the video recording and editing workflow using Python and FFmpeg, freeing the production team from hours of manual work each day.
- **50% lower latency** built a live streaming solution using FFmpeg and Nginx RTMP that cut delivery lag for the company's broadcast clients.

Web Developer Novitee Pte Ltd, Yangon, Myanmar

Dec 2014 - Jan 2016

- **15 min saved per shift** built a mobile-optimised kitchen display system that replaced paper-based order tracking and reduced kitchen errors.
- **15+ hrs saved per week** developed a cloud-based point-of-sale system integrated with inventory and accounting tools, eliminating manual data entry across all outlets.

EDUCATION

Master of Applied Finance

Mar 2026 - Feb 2027

Auckland University of Technology (AUT), Auckland, New Zealand (*current*)

Master of Science in Computer Science

Sep 2024 - Sep 2025

University of East London

Bachelor of Computer Science

2009 - 2012

University of Computer Studies, Mandalay, Myanmar