

Michael Luan

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Skills:

Languages:
(Fluent): Java, JavaScript/TypeScript, Python, PHP, SQL(SqlServer, PostgreSQL, MySQL)
(Proficient): C#, C/C++, Golang, Shell Scripting

Frameworks: React, Next.js Node.js, Nest.js, Django, Webpack, Progressive Web Apps

Tools/IDEs/Software: Amazon Web Service, Heroku, DigitalOcean, Apache, .Net, Git/Github

Experience:

Nov 2022 – **Pflegix** Bochum, Germany (remote)
Present *Senior Full Stack Developer*

- Designed, architected, and built several custom web-based software applications for clients based on business needs presented in discovery phases, keeping client efficiency at the forefront of decision making
- Worked to connect and integrate several external systems in order to remove manual data entry from the workflow, including using Xola, WhenIWork, Google Docs/Sheets/Gmail, and QuickBooks

Projects:

Application: Online marketplace for finding helpers and caregivers

Environment: TypeScript, React/Next.js, Node.js/Nest.js, MongoDB, GCP

- Responsibilities:**
- Designed system to read customer information from Xola and provide a dashboard
 - Implemented a PWA for caregivers' mobile devices to collect payment through Square, using several client and server-side caching layers to make the app performant

Aug 2019 – **Anydesk** Hong Kong | Stuttgart, Germany
Oct 2022 *Software Developer - Generalist*

- Built and maintained company's core products using Java and JavaScript, focusing on frontend development
- Collaborated with multidisciplinary team of designers, developers and system administrators

Projects:

Application: <https://go.anydesk.com>

Environment: C/C++, Java, Nginx, HTML/CSS, JavaScript, jQuery, Bootstrap, AWS

- Responsibilities:**
- Acted as key participant in team code reviews, prepared reports, manuals and other documentation on the status, operation, and maintenance of software.

May 2014 – **Lalamove** Hong Kong
Jul 2019 *Team Lead (Jul 2018-2019)*

- Promoted to lead a team of 10 developers building Android/iOS mobile delivery/driver app, and its backend
- Led the transition to modern tech of 2 legacy projects from PHP monolith to Node.js/Go microservices backend, focusing on scalability and reliability

Senior Software Engineer – Full Stack (2015-2018)

- Participated in the analysis, design, prototyping, development, and deployment of web & mobile applications for logistics and delivery service.
- Designed, developed and maintained DB architectures, APIs and internal tools
- Maintained ownership of several internal software packages by addressing questions, enhancements, or bug fixes, and helped to complete long-term goals as well as quickly resolve emergency issues for those packages

R&D Interviewer and Campus Recruiter (2017-2019)

- Represented Lalamove by recruiting students from top level schools, and interviewed both entry-level and senior level candidates to help attract and hire the best talent

Projects:

Application: Logistics software for on-demand and same-day delivery services

Environment: React, Vue.js, PHP, Java (JBoss), Go, MySQL, Redis, Elasticsearch, Kafka, RabbitMQ,

- Responsibilities:**
- Technical Lead on overhaul of entire application to hook into a 3rd-party geographical system
 - Developed custom Java webservices to sit on top of 3rd-party system in order to reskin the UI, provide more functionality, and generate complex reporting features

Apr 2013 – **HKU Faculty of Dentistry and Hospital** Hong Kong
Apr 2014 *Software Engineer*

- Designed and implemented a complete web solution in ~6 months to maintain student profiles, fees, scholarships, and payments. It consistently scaled and is still in use 10+ years later!

Projects:

Application: <https://facdent.hku.hk>
Environment: Backbone.js (based) → Apache → node.js → C++/C# → SQL Server / proprietary database
Responsibilities:

- Participated in development of web frontend to the course program admin portal

Education: **Hong Kong Polytechnic University** Hong Kong
Major: B.S., Computer Science, Jul 2013, *Summa Cum Laude* **Minor:** Civil Engineering

Interests Biking, Camping, Math!