

# Tom Luong

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## Qualifications

- 9 years of hands-on, full-stack software development in an agile environment
- Extensive experience in highly scalable and secure RESTful API, web applications, microservices architecture, OAuth, Bearer Auth, Windows services, Continuous Integration, Continuous Delivery and event driven architecture (NServiceBus)
- Current technologies: .NET (MVC, Web API, Core), AWS, serverless, NoSQL, SQL and Angular with TypeScript

### Past Projects

- **Multi-layer Caching Solution:** Reduced cost and increased runtime performance
- **SSL Management:** Fully utilized AWS Certificate Manager for SSL certificates
- **High Availability FTP Servers:** AWS-based running 24/7 with health checks
- **Information Security:** Prevented from different attacks, audited by security firms
- **Next-gen UI:** Enhanced legacy systems with design consistent, cross product UI

## Experience

Since June 2016 → Senior Developer → Q4 Inc. → Toronto, Ontario

- Cut infrastructure expenses significantly and increased sale margin for the company by shipping performance-driven, leaner, faster and more reliable releases
- Boosted runtime performance extensively and reduced server load noticeably by strategic caching architecture and serverless cloud computing development
- Provided technical consultation, proofs of concept, brainstorming to managers and product owners to make well-informed decisions on existing and future products
- Periodically presented technical solutions to new challenging problems to peers and stakeholders. Enforced highest code quality throughout code reviews
- Conducted on-site interviews with prospective developers. Provided mentorship and coaching to new hires/junior members. Transferred development knowledge and processes in all aspects

02/2014 - 05/2016 → Senior Developer → Yangaroo → Toronto, Ontario

- Increased annual recurring revenue to \$1,000,000 and client base by providing more features to existing products as well as adding new products that supported localization, secured voting and CDN media streaming
- Implemented custom flexible application architecture and hybrid database tables to support complex nomination submission logic as well as voting requirements

07/2009 - 10/2013 → Developer → Pearson → Burlington, Ontario

## Education

McMaster University, June 2009

Honours Bachelor's Degree of Science → Major in Computer Science and Mathematics