TOM LUONG https://tomluong.github.io

TECH LEAD ▪ FULL-STACK DEVELOPER

C# .NET REACT ANGULAR AWS ▪ 11 YEARS OF EXPERIENCE

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https://github.com/tomluong ⍟

https://linkedin.com/in/tomqluong 🔗

★ Experienced tech lead building custom solutions to meet business requirements for over a decade
★ Extensive experience with data collection, payment processing, messaging systems, app security
★ Leadership experience mentoring a team of professionals to achieve and exceed committed goals
★ Recent technologies: .NET Core C# Angular React MSSQL OracleDB NServiceBus RabbitMQ

Recent Work Experience

LEAD SOFTWARE ENGINEER
Cox Automotive Canada in Mississauga
October 2018 - present ▪ Counting...

Hands-On Microservices ▪ Secure File Transfer ▪ Team Management
Technologies C# .NET Core Angular React CSS OracleDB NServiceBus RabbitMQ
Projects Message with Attachment ▪ Custom Auto-approved Deals ▪ Fraud Detection

★ Designing and implementing custom solutions in flagship products for all Canadian major banks
★ Ensuring proper and trouble-free production deployment with pre and post-production planning
★ Leading a team of professionals to achieve committed planned goals in sprints, quarters and year
★ Mentoring team members to write good code for maintainable, reliable and scalable solutions

SENIOR DEVELOPER
Q4 in Toronto
June 2016 - October 2018 ▪ 2 years 5 months

Hands-On CMS for Investor Relations ▪ Security Compliance ▪ Cloud Computing ▪ Caching
Technologies C# .NET MVC AWS TypeScript Angular HTML CSS MSSQL NServicebus nginx
Projects Template-based CMS ▪ Major UI Reskin ▪ AWS ETL Solution

★ Enhanced app security to meet top client standards, audited by independent third party
★ Increased company profit by saving operating cost, boosting app performance during peak times
★ Cut vendor costs and reduced their dependency by more affordable flexible in-house solutions
★ Interviewed, reviewed and on-boarded new hires for the team and other teams

SENIOR DEVELOPER
Yangaroo in Toronto
February 2014 - May 2016 ▪ 2 years 4 months

Hands-On Onion Architecture ▪ Submission ▪ Payment Processing ▪ Auditing ▪ Streaming
Technologies C# .NET MVC JavaScript AngularJS HTML CSS MSSQL Dapper Entity
Projects Onboarding New Shows ▪ Streaming Compatibility ▪ Secure Payment

Built an Award Platform for many North America's major awards shows such as the Grammys, the Emmys, the Golden Globe, the ACM, and the JUNO Awards

DEVELOPER
Pearson in Burlington
July 2009 - October 2013 ▪ 4 years 4 months

Hands-On Custom Components ▪ Data Collection ▪ Reporting ▪ User Interface
Technologies C# .NET WebForms jQuery HTML CSS MSSQL JasperReport
Projects .NET Migration ▪ English and Arabic Reports ▪ Smart Scheduling

Built a web-based multilingual School System for school boards to manage teachers and students including smart class scheduling, attendance tracking and multilingual report printing

Some Projects

★ **Secure File Transfer** to bank's backend systems. Built with microservice architecture
  Scalable with customizable logic to meet client's requirements. Data encrypted at rest and in transit
★ **Generic Filtering Engine** to filter data at run-time with predefined filter criteria
  Support custom logic for each client efficiently. Banks can change rules without changing code
★ **In-house ETL Solution** to process thousands of press release xml files everyday (reconciliation)
  AWS infrastructure design with lambda and PostgreSQL implementation to scale and save cost

Education

HONOURS BACHELOR OF SCIENCE
Computer Science and Mathematics

McMaster University
Hamilton, Ontario, Canada

Be tolerant with others and strict with yourself. – Marcus Aurelius

Updated in October 2020