

Albin Ma

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Summary:

Full stack software engineer with over a decade of experience building high quality and scalable software systems. Proven ability to lead and mentor teams, tackle complex challenges, and adapt to evolving project requirements.

Recent Experiences:

Sr. Full Stack Software Engineer @ TouchBistro – Toronto, ON

October 2021 - Present

- Leading the modernization of core systems, transitioning from .NET framework to .NET Core, NodeJS, React, and other contemporary technologies.
- Orchestrated the development of vital CI/CD infrastructure, resulting in a remarkable 200% increase in team velocity.
- Successfully addressed long-standing performance bottlenecks in SQL Server, achieving a cost reduction of over 50%, totaling more than \$100,000 in savings.
- Collaborate closely with product leaders and designers to shape and prioritize the product roadmap, ultimately formulating a feasible strategy to guide products to beta testing and successful market launch.
- Initiate and lead cross-team efforts, actively cultivating a collaborative environment with various departments.
- Mentor and guide junior and intermediate engineers, some of whom earned promotions within just 6 months.
- Evaluate potential hires for technical expertise and cultural compatibility.

Full Stack Software Engineer @ SOTI Inc. – Mississauga, ON

March 2020 – September 2021

- Spearheaded a team initiative to overhaul the API documentation architecture, effectively resolving numerous security issues. This transformative effort not only paved the way for future Continuous Integration (CI) integration but also significantly enhanced the user experience. The success of this endeavor played a pivotal role in the product's achievement of ISO-27001 certification, positioning the business as a more formidable competitor in the enterprise solutions landscape.
- Solved highly visible support tickets for large customers with urgent production issues.
- Maintained legacy systems written in obscure scripting languages.

Sr. Full Stack Software Engineer @ Hallcon Corporation – Toronto, ON

August 2013 – February 2020

- Pioneered the development of a custom enterprise management system from conceptualization on the whiteboard to full-scale production. Played a key role in architectural decisions, requirements gathering, and the development of both the web-based front-end application and back-end systems.
- Orchestrated the architecture of B2B systems responsible for processing a significant 75% of order volume, emphasizing high availability and optimal performance.
- Initiated and led the development of a robust CI/CD framework, resulting in a substantial enhancement of the development team's velocity and the overall quality of deliverables.
- Engineered a multitude of algorithms aimed at optimizing resource management and streamlining vehicle movement, showcasing a keen focus on efficiency.
- Continuously assessed emerging software technologies and design methodologies, introducing valuable innovations to the team's workflow.

Education:

Computer Systems Technology, Software and Network Engineering
Sheridan College – Oakville, ON

September 2011 – May 2013

Graphic Design
Ontario College of Arts and Design – Toronto, ON

September 2007 – June 2009

Skills:

Node
C#
.NET Framework / Core

PostgreSQL
MSSQL
RabbitMQ

React
Angular
Blazor

AWS
Docker
Azure DevOps