EVAN D'ENTREMONT

Software Development Manager | High Performance & Scalability Expert
10+ Years Backend and Embedded Developer

CONTACT

Montréal, Canada

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SKILLS

Professional
- Leadership and team management
- Agile methodologies
- Incident management and Reliability
- Project planning
- Stakeholder communication and collaboration
- Performance optimization and scalability

Technical
- Java, Python, JavaScript, PHP, C++
- MySQL, MariaDB, and PostgreSQL
- Strong understanding of security and compliance standards (GDPR, PCI-DSS)
- Linux / OS X

LANGUAGES

- English: Native / Fluent
- French: Intermediate

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPMENT MANAGER

AYLO / Montréal, Qc. (Hybrid) / April 2022 to February 2024
- Reported to Director of Trust and Safety Engineering
- Restructured and optimized a global software development team, leading to improved workload distribution and 90% of "on-call" during work hours.
- Enhanced incident management processes, achieving a 90% reduction in open tickets while ensuring 99.99% service reliability.
- Architected a modular compliance scanning tool that saved over $20,000 per year of manual processing.
- Created an independent integration testing team, achieving 100% coverage of Core Services.
- Responsible for authentication of 140 million daily users per day.
- Led a cross-functional team in enhancing AI tools for content moderation, reducing manual review by 80%.

LEAD SOFTWARE DEVELOPER

GUEST NETWORKS / Toronto, On. / Jan 2021 to April 2022
- Reported to CEO (Startup)
- Expanded the development team by 50% through strategic recruitment from personal networks.
- Introduced comprehensive software QA processes, significantly improving product quality and reliability with an 80% reduction in post-release defects.
- Maintained hands-on involvement in developing and refining web applications, focusing on code quality and security, resulting in zero major security incidents.

LEAD SOFTWARE DEVELOPER

SITE2020 / Halifax, Nova Scotia / March 2018 to March 2020
- Reported to COO, working in collaboration with CTO

EDUCATION

TEAMWORK AND THE
INTERNAL CUSTOMER
Nova Scotia Department of
Labour
2017

ENTREPRENEURIAL
TRAINING
Self Employment Benefit
CEED Halifax
2010 to 2012

TWO YEARS OF STUDY
Engineering / Computer
Science
St. Francis Xavier University
2007 to 2009

VOLUNTEERING

LEGO ROBOTICS
INSTRUCTOR

Local Library / Elmsdale, Nova
Scotia / 2016 to 2018

VICE PRESIDENT
Halifax Makerspace / Halifax,
Nova Scotia / 2014 to 2016

- Developed a fleet management and invoicing platform using Laravel and Vue, reducing manual processing time by 94%
- Implemented continuous delivery processes that streamlined deployment cycles, improving deployment times to over the air updates instead of in-person hardware changes, saving tens of thousands of dollars per year on travel to client sites.

SENIOR SOFTWARE DEVELOPER

DYNAGEN / Halifax, Nova Scotia / Dec 2016 to March 2018
- Developed a compression algorithm for satellite network communication, optimizing data transfer rates by 85% and enhancing security for critical operations.
- Designed and developed a human-machine interface (HMI) for prototype industrial controls, facilitating more effective interaction and control in harsh industrial environments.
- Collaborated with cross-functional teams to develop engine control modules for heavy industry, focusing on vendor integration and IIoT connectivity.

SOFTWARE DEVELOPER

GOALLINE / Halifax, Nova Scotia / December 2014 to September 2016
- Developed a REST API and hybrid mobile application using Laravel and Angular, enhancing user engagement and contributing to a 20% increase in user activity on the platform.
- Led a comprehensive security audit, resulting in improved security measures and achieving 100% compliance with PCI-DSS standards.
- Optimized PostgreSQL performance which improved search response times by 10000%
- Collaborated with cross-functional teams on deployment processes achieving a 25% reduction in user-reported issues post-release.

WEB DEVELOPER

FREELANCE / Halifax, Nova Scotia / December 2010 to December 2014
- Freelance web developer, working with agencies and startups on a consulting basis.