EVAN D'ENTREMONT

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

CONTACT

Montréal, Canada

+1 (438) 765-9244

evan@obscuretone.com

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

CONFERENCES

<u>I Declare Cyber War</u>
AtlSecCon 2018

<u>Immunizing IoT</u>
AtlSecCon 2017

<u>Defeating Next Gen Firewalls</u>
AtlSecCon 2016

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

<u>LEGO ROBOTICS INSTRUCTOR</u>

<u>Local Library / Elmsdale, Nova Scotia / 2016 to 2018</u>

<u>VICE PRESIDENT</u>
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

<u>DYNAGEN</u> / 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.

<u>SOFTWARE DEVELOPER</u>

<u>GOALLINE / Halifax, Nova Scotia / December 2014 to September 2016</u>
- 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.

<u>WEB DEVELOPER</u>

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