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SUMMARY

Lead Software Developer with 13 years of experience in software development and leadership. Expertise in developing software applications, troubleshooting and debugging, and designing secure software systems. Proven track record of leading successful software engineering teams and building high-performance software systems.

EXPERIENCE

Lead Software Engineer

SPS Commerce

May 2022 - Present, Brampton, Ontario

- Led a team of 14 developers in implementing numerous product features, thus improving the overall performance and user experience for managing large amounts of data.
- Assisted in design and implementation of a cloud-based environment, enabled automatic scaling of services with the use of container technology and a microservices-based architecture.
- Orchestrated the deployment process for multiple services in different environments and technology stacks using Azure DevOps, decreasing lead time to changes.
- Mentored junior developers and monitored the code review process, ensuring all development conformed to standards and confirmed code quality by running automated tests.
- Organized and presented at the annual internal tech conference for 300 developers and IT professionals.

Senior Software Engineer

SPS Commerce

July 2016 - May 2022, Brampton, Ontario

- Improved the process for creating plugins for a third-party analytics platform by building Java plugins with Gradle and automating the integration process with Azure DevOps.
- Created and maintained 6 RESTful Web APIs using Java, Dropwizard and JDBI to support a rapidly growing customer base.
- Refactored a client-side JavaScript component to be modular, lean and event-driven resulting in a reduction in page load times from 90-120 seconds to 7-10 seconds.
- Created a code lab to onboard new developers 70% faster by giving the new hires knowledge and experience at every level of the application stack.
- Developed an automated system that exports data up to 3,000 times daily based on cron expressions using Quartz.

Software Engineer

SPS Commerce

January 2016 - July 2016, Brampton, Ontario

- Successfully migrated services to the cloud while reducing operating costs by 40%, and increasing deployment speed by 80%.
- Built RESTful Web APIs using a tech stack that included C#, .NET Core and Entity Framework Core.
- Migrated a web application from AngularJS to Angular to increase performance and leverage new framework features.
- Mentored 3 new developers through an internal mentorship program that helps the new hires become productive faster by pair programming, providing well-defined tasks, and fostering collaboration.
- Identified areas of potential improvement regarding monitoring and troubleshooting of a key system, then built a solution that resulted in a 90% decrease in on-call incidents.

Intermediate .NET Developer

Toolbox Solutions Inc.

May 2015 - January 2016, Brampton, Ontario

- Integrated TypeScript into web applications to leverage type safety features in the client-side code. This improved developer productivity by reducing the amount of time to develop features by 20%.
- Built new web application features in AngularJS, LESS, and TypeScript, improving the product's performance by 15% and reducing the amount of technical debt by 20%.
- Developed code in a highly agile environment by attending daily scrums, biweekly sprint planning sessions, and biweekly sprint retrospective meetings.
- Improved productivity by automating menial and repetitive tasks with a number of Powershell scripts, reducing time spent on these tasks by 50%.

.NET Developer

Toolbox Solutions Inc.

November 2013 - May 2015, Brampton, Ontario

- Refactored .NET code that decreased the time to produce PDF reports from 1 min/report to less than 20 seconds/report.
- Wrote web applications using HTML, CSS, and JavaScript which implemented the module pattern, improving code re-use by 10%.
- Increased code coverage of a legacy codebase by 12% by introducing NSubstitute for mocking and writing more unit tests and integration tests.

- Improved the understanding of internal APIs and new features by creating and updating documentation, resulting in quicker adoption by the development team.
- Built RESTful Web APIs using C# in the .NET Framework, leveraging Entity Framework for the data access layer.

Graphic Designer/Web Developer

Toolbox Solutions Inc.

November 2010 - November 2013, Brampton, Ontario

- Redesigned the company website to increase brand value and drive consumer confidence and awareness of our products and services, resulting in a 35% rise in website traffic.
- Created graphs and tables for an analytics web application using HTML, CSS and JavaScript.
- Collaborated with the development and product teams to create new user interfaces and improve existing ones by leveraging the principles of user-centered design, resulting in a 30% increase in user engagement.
- Created landing pages for marketing campaigns that increased conversion rates by 15% by optimizing for SEO and A/B testing.

SKILLS

Languages: Java, C#, JavaScript, TypeScript, CSS, SASS, LESS, HTML, SQL, Powershell

Frameworks/Services: AWS, Azure DevOps, Dropwizard, .NET Core, .NET Framework, NodeJS, Docker, Git, MS SQL Server, Oracle SQL, PostgreSQL, React, Angular

Technical Skills: Microservice Architecture, RESTful API Design, DevOps, CI/CD, Agile

CERTIFICATIONS

Microsoft Certified Professional: Programming in HTML5 with JavaScript and CSS

Microsoft · 2013

EDUCATION

Business Administration

Georgian College · Barrie, Ontario · 2009

INVOLVEMENT

Founding Member

Innisfil Rotary Club · January 2009 - November 2010