Jean-Sébastien Goupil

Software Engineer – Full Stack Architect

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Organized, detail-oriented **team player** who works effectively with others to strategize and achieve common goals. Ability to **meet deadlines** adhere to **quality standards, and handle multiple projects simultaneously**. Always ready to learn new skills and adapt to changing market demands.

Work Experience

May 2023 – Present

Senior Principal Software Engineer – Full Stack
Company: 3C Connect

SaaS CRM website for managing customers & invoices for the service call industry. HVAC, Plumbing, Electricity, Spa

- Direct **cloud architecting** decisions to adapt to growing business needs
- Lead the creative vision and company's strategic goals
- Foster transparency, collaboration and mentoring to **improve business decisions**
- Launch and manage a PWA application in **React**
- Improve the infrastructure and code to support **tens of millions of user throughput**
- Manage engineering hires

June 2021 – April 2023

Principal Software Engineer – Full Stack
Company: Silo

SaaS B2B website for managing invoices and wholesale product inventory for the food and agriculture industry

- Integrated with multiple partners to securely synchronize financial data
- **Led a team** on **good practice principles** to improve team productivity
- **Prevented client churn** by tracking key metrics and insights
- Coded in **Go** for server-side processing and **React** for frontend
- Solidified the code infrastructure by introducing **unit tests** and **code coverage** for the entire organization of 50 developers

| September 2014 – June 2021 | **Senior Software Engineer – Full Stack** |
| | *Company: 3C Connect* |

- Built the entire infrastructure from scratch for a **multi-tenant** SaaS system using **REST APIs**
- Coded application using object-oriented languages **C#, .NET, Angular 17**
- Strengthened experience with **relational databases**, **T-SQL** and ORM **Entity Framework**
- Created, maintained and supported high volume throughput website with **99.99% SLA** with no downtime
- Used distributed caches including **Redis**
- Implemented the microservice infrastructure in the cloud using **Azure DevOps, Docker** and **Kubernetes**
- Achieved **idempotency** in fast processing with **queues** and **Azure Functions**
- Advocated and practiced **test-driven development** (TDD) and solid engineering practices

| April 2008 – September 2014 | **Senior Software Engineer – Full Stack** |
| | *Company: Microsoft* |

- Acted as subject matter expert in **.NET** and **Azure Teams**
- Created and improved the **ASP.NET MVC** Framework used by **more than 6 million developers**
- Ensured quality deliverables met requirements and deadlines
- **Cross-communicated** between large teams to ensure strategic and informed business decisions
- Created and launched the **Azure Cloud Portal** that **200 million people** use every day

Testimonials

- "Jean-Sébastien is technically very strong and one of the most productive developers I have worked with. In addition to being a well-rounded developer, he was the subject matter expect for any frontend development issues." *–Rajesh Batheja; Senior Software Developer, Microsoft*

- "Jean-Sébastien was an invaluable asset to our engineering team. Without his experience in QuickBooks, integrating would have been a very difficult process." *–Magnus Hilding; VP, Silo*

- "Jean-Sébastien's exceptional work for us has left a lasting impact. Not confined to a single role, he displayed remarkable adaptability as a full-stack software engineer." *–Lionel Vital; Engineering Manager, Silo*

- "JS is one of the best developers I know. I've had many C# programmers over the past 15 years and I think that he's the best." *–Joseph Anderson; CEO, Connex*

- "Jean-Sebastien is a very capable developer for managing or developing large- or small-scale projects." *–Shannan Kiblinger; COO, 3C Connect*

Education

| September 2003 – March 2007 | **Bachelor of Science: Software Engineering** |
| | *Université de Sherbrooke – Sherbrooke, QC* |