John Goupil

Software Engineer – Full Stack Architect

American Citizen

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Organized, detail-oriented **team player** with a decade of experience in architecting and implementing robust SaaS solutions. Proficient in **cloud architecture**, C#, NodeJS, Angular and React. Adept at **leading teams**, driving strategic vision, and optimizing user and developer experience. Ability to **meet deadlines**, adhere to quality standards, and **handle multiple projects simultaneously**.

Work Experience

First Software Engineer – Full Stack
September 2024 – Current

Company: Covet

- Re-coded the entire front end (Next.js) and backend in NodeJS (NestJS) and React with Tailwind
- Help the management team to launch the website successfully

Microsoft Software Engineer – Full Stack (3-month contract)
April 2024 – June 2024

Company: Microsoft

- Coded **C#** backend and **React** (TypeScript) frontend internal website for government purposes
- Improved **code quality** and help elevate the team in better coding practice

Senior Principal Software Engineer – Full Stack
April 2023 – March 2024

Company: 3C Connect

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

- Integration specialist architecting with **Azure Cloud** for scalability by using Azure Functions, Event Grid, Service Bus, Redis
- Led the creative vision and strategic goals of the company, ensuring alignment with objectives
- Collaborated with clients and customers to discover and implement effective solutions
- Launched and managed a **PWA application** in **React**, communicating with **distributed systems** and Web APIs
- Managed the frontend **Angular** application (currently on v18) with **Tailwind**, and backend in **C#**
- Provided guidance and **mentorship** to engineering hires, fostering collaboration and knowledge sharing

Testimonials

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

Principal Software Engineer – Full Stack

June 2021 – April 2023

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

Testimonials:

- "John 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*

- "John'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*

Senior Software Engineer – Full Stack

September 2014 – June 2021

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**
- Strengthened experience with **relational databases**, **T-SQL** and ORM **Entity Framework**
- Created, maintained high volume throughput website with **99.99% SLA** with no downtime
- Implemented microservices 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

Senior Software Engineer – Full Stack

April 2008 – September 2014

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**
- **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:

- "John 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*

Education

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