

# Benoît Legault

Principal Fullstack  
web developer

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## Skills

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### Benoît Legault

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Golang, Mux, Echo, Protobuf, gRPC, webSockets, REST API

Facebook API, Youtube API, Twitch API, Amazon IVS API

Hashicorp (Terraform, Consul, Nomad, Vault),

OBS Studio, Streamlabs, WebRTC, FFmpeg, RTMP/SRT/HLS/WebRTC

Traefik, Datadog, Jest, Cypress

Typescript, NPM, Rollup

React.js, Vue.js, Capacitor, Angular 2, Angular.js, Javascript,  
HTML/HTML5, CSS/CSS3, SCSS/SASS, Bootstrap, Responsive Design,  
Python

Amazon AWS, Google Cloud Services, PayPal, Bambora

Wordpress, Drupal, Magento, Shopify

MySQL, MongoDB, MSSQL, Firebase, Firestore

Google G Suite, Google AdWords, Google Analytics, Google Webmaster  
tools, Google App Maker, Microsoft Office, Adobe Photoshop, Zoho  
Suite

Mac OSX, Linux, Windows

VoIP: Avaya Definity, Business Communication Server, Asterisk (Trixbox,  
Elastix, PIAF), Sangoma, Aastra, Grandstream, Polycom, Yealink.

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## Experience

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### Genvid Technologies / Principal Senior Fullstack Web Developer

November 2018 - PRESENT

- Participating in the implementation of good practices in term of software development(Clean Code, Clean Architecture)
- API development in Golang for a broadcasting software (Studio)
- Web SDK development used in streaming interactivity
- Integration of multiple streaming platform API with our Web SDK. (Facebook, Youtube, Twitch, IVS...)
- Participating and supporting clients and client facing team with the integration of our SDK (Clients, LiveOps, Partner Services)
- Overlay and game development of interactive solutions (Twitch, Youtube)
- Cloud infrastructure deployment with Hashicorp products (Terraform, Consul, Noad, Vault) on AWS and Azure
- Process elaboration and documentation of best practices in developing interactive solutions with our SDK
- Microservices integration and implementation (Twitch Authentication, Twitch Bits, Web Backend Services, Proxy Services avec NGINX, Node.js, GO).
- Participation in different CTO Committees (Research & Design, Architecture, Backlog refinement)

### Erod Agence Créative / Web Director and Lead Web Developer

November 2016 - November 2018, Mirabel

- Strategy, direction and recommendation on implementing web development best practices.
- Deployment of project management tools and processes in order to increase productivity in the web department and production studio.
- Full Stack web developer using different technology (Angular 2, Loopback.io, Vue.js, Google Cloud Services, Amazon AWS, etc.
- Web design using Wordpress / WooCommerce / OpenCart / Expression Engine platforms (HTML / CSS, SCSS, Bootstrap, JavaScript, JQuery, etc.)
- ECommerce design and implementation using platforms like WooCommerce and OpenCart.

### Tactik 13 - Kore Solutions / Owner, Web and I.T. strategist

January 2012 - November 2016, Saint-Jérôme

- Analysis of business needs for SMB and recommendations using technology and Internet that improve customer service experiments, streamline business processes, reduce cost of operation and increase sales.
- Web project management including, online market analysis, competitive positioning analysis, recommendation and management
- Web project management, global outsourcing, business need analysis, and candidate evaluation and follow-ups on work done, projects and deadlines.
- Design and development of web application, SPA, using MEAN stack (MongoDB, Express, Angular.js, Node.js)
- Website design and development, Intranet, Extranet, corporate

website, e-commerce website based on business model (B2B, B2C).

- Design and development of hybrid application, mobile application, responsive websites.
- Custom design and implementation of information systems, data import/export, optimization of business process, web process
- Architecture and management of databases SQL and NoSQL
- Web design (CSS/SCSS/LESS Bootstrap, HTML5...)
- Organic SEO optimization of existing websites
- Paid Google Ad Words campaigns management

### **Arsenal Solutions / Owner and e-business consultant**

January 2010 - January 2012, Saint-Jérôme

- Analysis of business needs for SMB and recommendations using technology and Internet that improve customer service experiment, streamline business processes, reduce cost of operation and increase sales.
- Web project management including, online market analysis, competitive positioning analysis, recommendation and management
- Web project management
- Website design and development, Intranet, Extranet, corporate website, e-commerce website based on business model (B2B, B2C).
- (PHP/MySQL, Query/Ajax/JavaScript, HTML5/HTML, CSS3, CSS)
- Application development using the appropriate technology (web, mobile or other). (PHP/MySQL, C#, ASP.NET, JAVA, XML, XML-RPC/SOAP, etc.)
- Custom design and implementation of information systems, data import/export, optimization of business process, web process Database architecture and design
- Website hosting and administration (CPANEL)
- Architecture, installation of Software PBX (Asterisk)

### **LCA Solutions / Co-owner and e-business consultant**

January 2006 - January 2010, Saint-Jérôme

- Analysis and recommendation to SMB about how to bring value to their business and processes using the Internet
- Project management
- Installation of computers and peripherals (Dell, HP)
- Open Source software installation and support
- Development of business application (C#, NET, MySQL)
- CMS installation and management, social network management
- Architecture, installation of Software PBX (Asterisk)

### **Pièces Automobiles Lecavalier / Programmer Analyst / Network and Back Office Administrator**

January 2001 - January 2010, Sainte-Sophie

- Network: 168 employees, 11 servers, 110 workstation, 4 sites;
- Environment Microsoft Windows (XP, Vista)
- Application development to streamline some business processes, across the enterprise (shipping management, account receivables, used car sales management, etc.)

- Responsible for reporting and auditing. Dashboard implementation for all departments (ETL, Access, ASP.NET' Crystal Report...)
- Responsible for purchases of everything related to the technology used by the enterprise.
- Disaster recovery administrator for back office applications (DNS, IIS, MSSQL, Active Directory, file and print servers, Anti-Virus, Exchange, etc.)
- VoIP infrastructure administrator (Avaya)
- Network administrator: LAN, WAN (MPLS) avec QOS, Firewall, VPN
- Database administrator (MSSQL, Access, etc.)
- Project management
- Technical Support

### **Groupe ACGL / Computer technician**

September 2000 - January 2001, Montréal

- Computers, laptops, printer's installation and repairs. (HP, Compaq)
- Anti-Virus implementation for enterprise (McAfee)
- I.T Support and remote assistance
- Microsoft Exchange server installation and support.
- Customer service

### **Médiosolution / Back Office Consultant - Site Manager (Centre Hospitalier Anna-Laberge)**

November 1999 - Septembre 2000, Saint-Jean-sur-le-Richelieu

- Over 1000 workstation, 5 servers: Environment Microsoft Windows and « mainframe » specific for medical environment.
- Responsible for Back Office Servers, maintenance, performance and disaster recovery procedure.
- Responsible for network and Internet security.
- Technical Support Level 2 assisting the in-house I.T. Department and supporting in-house applications (Opéra, S.I.G.S, Réassume, Lotus Notes...)

### **CAE Electronics LTÉE / I.T. Support Technician**

January 1996 - November 1999, Montreal

- Network DOS, Novel, LAN Manager, Microsoft, OS/2 4500 users
- Software and Hardware Support
- Software and Hardware deployment (server, printers, workstation, others...)
- Help Desk Implementation
- Technical Support level 1 and 2 on help desk
- Technical Support level 1 and 2 for back office servers (Microsoft)
- Servers, SQL, Exchange, SMS, Novell GroupWise).

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## Education

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### **E-Business / Certificate**

September 2006 - March 2009, Université Laval

To acquire knowledge and skills that will optimize the implementation and management of an electronic business model in the company. Enrich its strategic vision; deepen theoretical and practical knowledge of the marketing function; apply and experiment with some solutions through a virtual enterprise prototype; become familiar with the process of identifying and managing risks associated with the computerization of operations; identify and understand the effects of introducing e-business processes into the business; strengthen its ability to diagnose, analyze, synthesize, judge and make decisions. Promote the development of skills in diagnostics, strategic planning, marketing and risk management.

### **Diploma of College Studies - Electrotechnique - Computer options / DEC**

1994, Collège Ahuntsic

### **High-School / Diploma**

1991, Collège Laval

### **Online courses on Cocoa and Objective-C / Course**

January 2008 - March 2008, LOCATION

### **Microsoft Access 2000/ Course**

2001, Multiexa

### **Microsoft SQL Admin 7.0/ Course**

2000, Microcode-Zénon

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## Languages

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French: read, speak and writing

English: read, speak and writing