

**JONATHAN
LEVESQUE MICHAUD**
Full Stack Developper

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PROFILE

I have been a web developer for 15 years, working in both backend and frontend development, with a great interest in devOps. My career has been marked by a series of significant achievements that have had a direct impact on the growth and operational efficiency of the organizations I worked for.

SKILLS

Primary Programming Languages

PHP, Python, JavaScript, TypeScript

Databases

MySQL, PostgreSQL, ElasticSearch

Technologies

HTML/CSS, SEO/SEM, RESTful API, Redis, MaterialUI, NodeJS, React, Codelgniter, WordPress

Environments

Docker, Kubernetes, Debian, Sentry, Monit, Nagios, GitLab, AWS

WORK EXPERIENCES

GHG Sat, Monthr  al, 2021 Contract

Technologies : Typescript, NodeJS, React, Python, PostgreSQL, SQLAlchemy et Docker

Refactoring an internal web application using the latest React version, creating an API connecting that connects to a new database schema and developing new web tools that are used daily by production teams.

- **Automate deployment :** Collaborating with the DevOps team to automate the deployment process with GitLab CI in the Kubernetes environment, accelerating up the updates and ensuring application stability.
- **Database migration :** By using SQLAlchemy and an internal Python module, migrate and develop queries with the new database schema.
- **Collaboration and regular follow-up :** Weekly planning and regular follow-up with the IT team to ensure compliance with new developments and expected deadlines.
- **Documentation and knowledge transfer :** Write documentation and share knowledge with colleagues, thus strengthening the team's ability to maintain and evolve the application autonomously.

Freelancer, since 2020

Technologies : PHP, MySQL, Python, PostgreSQL, JavaScript, HTML/CSS, Docker, Ubuntu, Nagios, React Full Stack and DevOps development with WordPress, React, Ubuntu and Nagios.

Web Hosting & Performance : Providing hosting, deployment, and security updates of websites, ensuring their smooth operation and long-term security. Configure Nagios to detect server health issues proactively and ensure continuous service of hosted sites.

React Development : Personal open-source development with React, ExpressJS, Firebase, MariaDB and MaterialUI. An administrative section is secured with Firebase Authentication. Application development is progressive.

Power Go, Montreal, 2017-2020

Technologies : WordPress, PHP, MySQL, JavaScript, Google Ads

Create websites for motorized dealerships, according to company standards using the WordPress ecosystem. Add motorized products to customer sites from our database.

Centralized Customer Site Management : Set up a centralized platform that facilitates the maintenance of multiple customer sites, speeds up update operations and quickly applies patches to security vulnerabilities.

Server Performance Monitoring : Ensure continuous monitoring of server performance, proactively identifying and report any problems likely to impact the availability of hosted websites.

Web Marketing Support : Consult with the marketing team to develop flexible Google Ads scripts, that can assist in optimizing online advertising campaigns and automate their work tasks.

Recreational motorized products central system : Major overhaul of the database. Extend functionalities of the web application connecting to it. Research and implementation of a "crawler" that can be used by employees without programming expertise. Documentation of the process for acquiring products, integrating them into our system and publishing them on customer sites.

Jobillico, Quebec city, 2010-2016

Technologies : PHP, MySQL, ElasticSearch, JavaScript, HTML/CSS

Full-Stack development of the public job search site, the administrative section and the custom CRM.

- **Database management** : Creation, maintenance and evolution of the MySQL database to ensure optimal site performance. Using Elastic Search in tandem.

- **SEO and Social Media** : Create the foundation for natural search engine optimization. Collaborate with an expert colleague to improve the SEO. Integrate sharing features on social medias.

- **Documentation and Knowledge Transfer** : Create documentation of code and processes. Actively share my knowledge with new team members, facilitating their integration.

- **CRM development and evolution** : Design and evolve the company's customized CRM in response to the specific needs of the various departments. I took charge of the needs of the various departments to optimize their workflow.
- **Communication between services** : Establish communication between the CRM and the public website, modifying customer packages automatically and transparently.