Mathieu Bertin

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Tech-savvy Senior Full Stack Web Developer with 8+ years of experience in web development, software development, database management, and system automation. Highly skilled in designing and implementing dynamic websites, developing software solutions, optimizing database performance, and automating system processes to enhance operational efficiency. Adept at creating user-friendly interfaces, fostering collaborations, streamlining codebases, and enhancing system stability.

CORE COMPETENCIES/KEY SKILLS

- Code Refactoring
- Database Management
- Content Management System

- Unit Testing
- Web Development
- Front-End/Back-End Development

- Team Leadership
- Emerging Technologies
- Source Control Implementation

PROFESSIONAL EXPERIENCE

XX Network   **Remote**

Vuejs/React/Express Full Stack Web Developer   Apr 2019 - Aug 2023

- Designed a website integrated with Contentful CMS in Nuxt.js (Vue.js), enabling the marketing team to maintain consistent branding while posting promotional content.
- Engineered a dashboard using Nuxt.js (Vue.js), Express, and PostgreSQL to display performance metrics based on a database of approximately 200 million rounds.
- Provided 150+ node operators with essential support and comprehensive performance insights: https://dashboard.xx.network/
- Adapted existing open-source software written in Typescript/React to meet the unique requirements of the company's network.
- Developed software allowing 300+ end-users to interact with the product, enabling them to utilize the company's financial services: https://wallet.xx.network/
- Created a messenger application using Typescript/React and in-house library XXDK, expanding access to private messaging and group chats for 500+ users: https://github.com/xxfoundation/elixxir-speakeasy-web/tree/dev

Nephelo Software (Sole Proprietorship)   **Remote**

Laravel/Express/Vue.js Full Stack Developer   Jul 2017 - Apr 2019

- Enhanced system stability by 45% through comprehensive codebase and PostgreSQL database refactoring using Laravel and Vue.js.
- Diversified the range of financial products and services offered by the client, scaling from 3 to 20+, and ensuring smooth operations.
- Developed Express.js module to automate the purchase and sale of financial products and facilitate the addition of products to the site via a secure admin web portal, reducing the time required from weeks to a few minutes.

Garago Software Inc.   **New Brunswick, Canada**

ColdFusion/jQuery Full Stack Web Developer   Jun 2016 - Jul 2017

- Streamlined and managed a large cluttered codebase, resulting in a 30-40% reduction in the overall code volume, thereby accelerating development processes by 35%.
- Implemented source control practices for the codebase, enhancing collaboration and facilitating the onboarding of 20+ developers.
- Revamped and redesigned the front-end interface to provide a modern look and feel, leveraging Bootstrap 3, and simplified user flows to enhance user experience (UX) by 27%.
- Empowered 100+ clients to generate dynamic documents based on their end-user responses by creating a templated document service that utilizes a Rich Text Formatter.

Butterfly Energy Systems   **New Brunswick, Canada**

C++ Software Developer   Sep 2015 - Jun 2016

- Initiated and executed a comprehensive suite of unit tests, enabling the lead programmer to identify and rectify multiple product issues, ultimately enhancing stability by 15%.

IGT   **Urquhart**

Intern   Apr 2015 - Jun 2015

- Transformed and redesigned a legacy game to a more modern framework utilizing Unity 3.5 and a custom C# SDK.

ADDITIONAL WORK EXPERIENCE

- **Junior Programmer,** NovuTech   Jul 2015 - Sep 2015

EDUCATION

New Brunswick Community College (NBCC)   **New Brunswick, Canada**

Gaming Experience Development, Computer Programming   2013 - 2015

Université de Moncton   **New Brunswick, Canada**

Bachelors - Psychology   2005 - 2010

TECHNICAL EXPERIENCE

Development & Deployment Tools: Bun, Docker

Blockchain & Web3 Technologies: Web3, Blockchain

Database & Data Management: PostgreSQL, Contentful

Cloud Services/Platforms: AWS, Cloudflare, Digital Ocean

Project Management & Methodologies: Agile, Kanban, Trello, JIRA

Programming Languages: JavaScript, TypeScript, SQL, HTML, JSON, CSS, SCSS, Bash Scripting

Front-End Frameworks/Libraries: React, Next.js, Vue.js, Nuxt, Bootstrap, Bulma, Tailwind, GraphQL, tRPC

Back-End Frameworks/Libraries: Express.js, Elysia.js, Node.js, NestJS, Knex, Objection.js, Socket.io, ColdFusion

OTHER

Interests: Gaming (7x a week), Badminton (2x a week)

Languages: English (Native), French (Native), Thai (Fluent)