

JEAN GÉRARD BOUSIQUOT

Senior Software Engineer | Full-Stack • Frontend • Backend | AI-Augmented Development

-----CONTACT

- **Location:** Laval, Quebec (On-site: Laval & Montreal | Remote: US & Canada)
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-----PROFESSIONAL SUMMARY

Senior Software Engineer with 8+ years of experience building scalable, high-performance web applications across frontend, backend, and cloud environments. Strong background in TypeScript, React, and modern full-stack architectures, with hands-on experience integrating AI/LLM workflows into production systems. Proven ability to lead complex features end-to-end, mentor engineers, and deliver reliable software in fast-moving teams, with a growing focus on cloud infrastructure and DevOps practices.

-----CORE TECHNICAL SKILLS

- **Languages & Runtimes:** TypeScript, JavaScript (ES6+), Python, Ruby, PHP
- **Frontend:** React, Next.js, Redux, TanStack Query, Vue 3, Tailwind CSS, HTML5, CSS3, SASS, MUI, Storybook
- **Backend & APIs:** Node.js, Bun, NestJS, Laravel, Ruby on Rails, Elixir/Phoenix, REST, GraphQL, tRPC
- **AI & LLMs:** Vercel AI SDK, Prompt Engineering, Local LLMs (Ollama, Llama.cpp)
- **Databases & CMS:** PostgreSQL, MongoDB, Firebase/Firestore, Prisma, Strapi, Contentful
- **Cloud & DevOps:** Docker, AWS, Azure, Vercel, Fly.io, Heroku, CI/CD, Git, GitHub, NX, Vite, Vitest

-----PROFESSIONAL EXPERIENCE

Software Engineer — Braintrust (Remote) | July 2024 – December 2024

- Contributed to the training and evaluation of generative AI models used for developer-facing tools.
- Reviewed and refined AI-generated code to align with real-world engineering best practices.
- Collaborated with distributed teams to iterate on model behavior and tooling improvements.

Senior Application Engineer — Lean Law Labs (Remote) | September 2022 – March 2023

- Led development of complex frontend features using TypeScript, Vue 3, and Tailwind CSS.
- Designed reusable grid and component systems for efficient large-dataset rendering.
- Improved application reliability via unit and end-to-end testing and structured code reviews.

Senior Software Engineer — Cause of a Kind (Remote) | May 2021 – July 2022

- Led full-stack development of production web applications and APIs used by thousands of users.
- Built and maintained CI/CD pipelines and managed deployments on Heroku and Azure.
- Mentored engineers and enforced high code-quality standards.

Senior Software Engineer — NouKòd (Haiti) | August 2018 – March 2021

- Developed web and mobile applications using React, React Native, and GraphQL.
- Delivered backend systems using PHP/Laravel, Ruby on Rails, Angular/Ionic.
- Mentored junior engineers and contributed to long-term team growth.

-----SELECTED PROJECTS & TECHNICAL WORK

MP3Pam — Music Streaming & Sharing Platform

- Built an end-to-end music platform from scratch.
- Frontend: Svelte, SvelteKit, TypeScript.
- Backend: PocketBase deployed on Fly.io.
- Storage & CDN: Cloudflare R2.
- Frontend deployment: Vercel.
- URL: <https://mp3pam.jgb.solutions>

Open-Source Contributions

- Contributed to multiple open-source projects focusing on TypeScript types, DX, and maintainability.

Local LLM Experimentation

- Ran LLMs locally using Ollama on Apple Silicon.
- Tested models such as DeepSeek, achieving ~15 tokens/sec.
- Evaluated feasibility of private, on-device LLM workflows.

-----TECHNICAL WRITING & CONTENT

- TypeScript vs JavaScript: Understanding the Differences
- What Is Node.js? Server-Side JavaScript
- Building a Movie App with React Hooks and Cloudflare Workers
- Fixing Storybook Broken Styles with Styled JSX
- How to Fix Dropbox Broken Links on macOS

-----CERTIFICATIONS

- Triplebyte Certified — November 2022
- Cypher Fundamentals — September 2022
- Graph Data Modeling Fundamentals — September 2022
- Neo4j Fundamentals — September 2022
- Strapi Fundamentals — December 2021
- Security Awareness Training (KnowBe4) — August 2019
- CommCare Fundamentals — November 2018
- CommCare Application Building — November 2018

- Scrum Certification for Mobile App Developers — October 2018

-----EDUCATION

AWS Skill Builder — Amazon Web Services | September 2025 – Present

- Studying toward AWS certification with DevOps focus.
- **Information Technology — CETHI, Dominican Republic** | 2014
- **Full-Stack Web Development — Flatiron School** | 2019
- **Computer Science — Université des Sciences d'Haïti** | 2008–2010

-----ADDITIONAL PROFESSIONAL EXPERIENCE

Graphic Designer & Computer Repair Technician — Image Technique (Photography Studio) | April 2010 – October 2013

- Provided graphic design and computer repair services exclusively for a photography company.
- Supported production workflows and technical operations.

Freelance Web Developer — Self-Employed | January 2014 – July 2018

- Delivered websites and web applications for small businesses.
- Managed projects end-to-end from requirements to deployment.

-----CAREER CONTINUITY & PROFESSIONAL DEVELOPMENT | December 2024 – Present

- Medical recovery following eye surgery (Dec 2024).
- Family time and international travel.
- Since May 2025: resumed studying AWS, Go, Python, building side projects and freelance work.
- Actively seeking to return to a full-time senior engineering role.