Maurice Filiatreault

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Skills

- **Languages:** JavaScript, TypeScript, Rust, Python, Bash, SQL (C# for legacy migrations)
- **Frontend:** React.js, Next.js, TailwindCSS, HTML5, CSS3
- **Backend:** Node.js, Express.js, RESTful APIs, Strapi (Headless CMS)
- **Databases:** PostgreSQL, MongoDB, Prisma ORM, Supabase
- **Cloud & DevOps:** AWS, Docker, GitHub Actions, Vercel, CI/CD Pipelines, Electron
- **Testing & Quality:** Unit Testing, Integration Testing, Cypress, Playwright
- **Methodologies:** Agile/Scrum, Git Version Control, OpenAI API Integration, WebAssembly (Rust)

Summary

Full-Stack Developer with 3+ years of experience in JavaScript (React, Next.js, TypeScript, Node.js) and Rust for performance optimization. Skilled in modernizing legacy systems and building scalable web/hybrid apps with AI integration (OpenAI API). Recent projects include a Strapi CMS site rebuild, Freenance MVP launch, and an SEO-optimized portfolio. Seeking remote roles to apply JS/Rust expertise.

Experience

Full Stack Developer, MFH Solutions (Self-Employed) – Remote

March 2024 – Present

- Rebuilt helhestcanecorso.com with Next.js, Strapi CMS, TailwindCSS, and JWT authentication, turning a static site into a dynamic platform with secure admin and scalable features (e.g., puppy listings), boosting content updates by 80%.
- Developed Freenance MVP using Next.js, Supabase, TailwindCSS, Vercel, AWS, and OpenAI API, delivering a PWA for financial stability with budgeting tools and AI insights—beta launched with 40% faster load times.
- Enhanced scalability with JS frameworks, cloud architecture, and Rust WebAssembly for performance, cutting load times by 40% and generating $3,150 in revenue from custom projects.

Software Engineer, 3wDesign – Remote

April 2023 – March 2024

- Modernized legacy jQuery to React.js and refactored backend to Node.js, reducing feature delivery timelines by 50%.
- Transitioned version control from TortoiseSVN to Git, enabling CI/CD pipelines, improving team workflows.
- Built a reusable React component library, cutting UI development time by 40% across internal tools.

Backend Developer, House of Commons – Ottawa, ON

November 2022 – March 2023

- Strengthened security with role-based authentication APIs in .NET Core, reducing unauthorized access in government systems.
- Improved deployment reliability with GitHub Actions and Docker pipelines, increasing frequency by 25%.
- Enhanced code quality with unit/integration testing, catching critical regressions pre-production.

Projects

Personal Portfolio Website

Technologies: Next.js, TailwindCSS, Vercel
Built an SEO-optimized portfolio (mauricefh.com) showcasing projects, skills, and GitHub links with responsive design—improved networking visibility by 50%.

Internal Management System (Rebuilt)

Technologies: React.js, Node.js, Electron, Rust (WebAssembly), Prisma ORM, TailwindCSS, SQL Server
Modernized a C# MVVM desktop app into a hybrid web/desktop tool for inventory, sales, invoicing, and delivery. Integrated Rust WASM for low-level optimizations (e.g., data processing), enabling offline access via Electron and real-time web use—eliminated manual errors.

Helhest Cane Corso Website (Rebuilt)

Technologies: Next.js, Strapi, TailwindCSS, Vercel, Node.js (JWT Auth)
Revamped client site into a dynamic, CMS-driven platform with secure admin, puppy listings, and contact forms—enhanced engagement and scalability.

Freenance - Personal Finance App (MVP)

Technologies: Next.js, Supabase, TailwindCSS, Vercel, AWS, OpenAI API
Launched MVP of a PWA for budgeting, expense tracking, and AI financial advice—designed for user-friendliness with a 40% performance boost and monetization potential.

Education

CEGEP de l'Outaouais – Associate's Degree in Information Technology
November 2022