Eric Quelch

527 Gordon Ave, Apt 507
London, ON N6J 4A9
(519)-802-2824
quelchx@gmail.com

EXPERIENCE

ScriptString, Remote — *Full Stack Developer*

MAY 2022 - MAY 2024

- Developed and deployed scalable, full-stack applications for clients, driving business growth by addressing complex needs with customized solutions.
- Spearheaded migration of cloud infrastructure from AWS to Azure, resulting in improved performance, reliability, and reducing monthly cloud expenses by over 70%.
- Led a small team of junior developers, assigning tasks, reviewing code, and mentoring them, enhancing team efficiency and skill development.
- Engineered CI/CD pipelines using Jenkins, automating deployment processes, cutting manual work and accelerating feature releases.
- Drastically improved software performance, reducing build times by 92%, which sped up development cycles and increased productivity.
- Designed and implemented modern, user-friendly UI/UX interfaces for core applications, improving user engagement.
- Created and maintained RESTful APIs and backend applications, optimizing data flow and enhancing system resilience.
- Developed document extraction tools integrated with LLMs, automating audits and reducing developer workload, saving hours of manual labor per week.
- Streamlined backend systems by transitioning to microservices, reducing response times and downtime, significantly improving application resilience.
- Reduced cloud infrastructure costs by over $75,000 annually through infrastructure optimizations and performance improvements.
- Managed multiple repositories, setting up pipelines for automated deployments, ensuring stability and faster iterations.
- Collaborated with clients to assess needs, designing tailored software solutions that improved business workflows.
- Assisted with deployment and management of Docker containers, ensuring smooth application scaling across Azure and AWS environments.
- Developed comprehensive testing strategies, ensuring long-term application reliability and performance.
- Conducted code audits and enforced security standards, adhering to industry compliance requirements.

SKILLS

Full-stack development: Frontend and Backend expertise, including database management.

DevOps: CI/CD pipelines, automation, containerization.

Performance Optimization: Caching, load balancing, testing.

Soft Skills: Communication, problem solving, collaboration, leadership.

TECHNICAL SKILLS

Languages: JavaScript, TypeScript, Python, Golang

Frameworks/Libraries: React, Vue, Next, Nuxt, Svelte, Node, Express, Django, FastAPI, AWS, Azure, Zod, ShadCN, TailwindCSS, Langchain

DevOps Tools: Docker, Jenkins, Git, Github, AWS ECS

Database Management: Postgres, MySQL, MongoDB, Prisma, TypeORM, Pocketbase, Supabase

PROJECTS

AOS Vue: Enhanced animation on scroll library for Vue.js components.
github.com/quelchx/aos-vue

Vue Writer: Versatile typewriting component for Vue.js projects.
github.com/quelchx/vue-writer

Perty: Custom VS Code theme based on Github.
github.com/quelchx/perty

Fanshawe College, Remote — *Programming Tutor*

JAN 2021 - APR 2021

- Tutored students in Python, JavaScript, HTML, and CSS, resulting in notable improvements in their academic performance.
- Organized and led collaborative study groups, fostering a supportive and engaging learning environment.

Self Employed, Remote — *Freelance Developer*

SEPT 2020 - JAN 2021

- Developed custom web applications, improving client workflows and customer engagement through tailored solutions.
- Consulted on business strategies, providing pre-built solutions and optimizing operations, saving clients time and resources.
- Designed and delivered single-page applications (SPA) with efficient backend systems, enhancing performance and user experience.
- Provided clients with expert guidance, turning business ideas into scalable digital solutions.
- Created front-end mockups, translating client visions into practical, visually appealing designs.
- Structured flexible payment plans for recurring services or one-time projects, accommodating diverse client needs.

EDUCATION

Fanshawe College, London, ON — *Ontario College Diploma*

SEPT 2020 - APR 2022

- Studied Computer Programming and Software Development, specializing in web applications. Graduated with a 3.5 GPA.

Mohawk College, Hamilton, ON — *Academic Upgrading*

FEB 2019 - MAY 2020

- Completed the Academic and Career Entrance (ACE) Certificate and attended one year of Computer Science coursework.

Paris District High School, Paris, ON — *OSSD*

SEPT 2004 - MAY 2009

- Earned Ontario Secondary School Diploma with additional credits.

LINKS

Github
github.com/quelchx

Linkedin
linkedin.com/in/quelchx

Portfolio/Blog
quelchx.up.railway.app

CONTRIBUTIONS

Alliance 2030
alliance2030.ca

ScriptString
scriptstring.com

PDF Webviewer
apryse.com

OTHER EXPERIENCE

Technician
Cainsville Tire, Kal Tire

Customer Service
The Beer Store

Manager on Duty
Kentucky Fried Chicken

HOBBIES

Video games, coding, reading, fishing, hockey, camping, cars and kayaking.