ERIC QUELCH

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(519) 802-2824
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SUMMARY

Full-Stack Developer with 4+ years of experience in web development, backend systems, and UI/UX design. Proven track record in cost optimization, performance enhancement, and automation. Skilled in modern frameworks, DevOps practices, and creating highly functional, visually appealing user interfaces.

SKILLS

Web Development: HTML, CSS, JavaScript, TypeScript, Vue.js, React, Next.js, Nuxt.js
Backend: Node.js, Express, Django, Golang, Deno
UI/UX: Design, Redesign, Responsive Web Design, Load Time Optimization
DevOps: CI/CD, Jenkins, Docker, Kubernetes, Automation
Databases: MySQL, PostgreSQL, MongoDB, Pocketbase, TypeORM, Prisma
Performance: Build Optimization, Caching, Load Balancing
Version Control: Git, GitHub, Bitbucket, GitLab
Services: AWS, Azure, Linode, Digital Ocean, Vercel, Railway, Netlify

WORK EXPERIENCE

Lead Software Developer
ScriptString AI, Burlington, ON
May 2022 – May 2024
- Rewrote application infrastructure, reducing monthly costs by over 75%.
- Implemented CI/CD pipelines using Jenkins, accelerating feature releases and enhancing reliability.
- Designed and implemented frameworks that reduced UI/UX load times by 30%, increasing user engagement.
- Developed scalable backend systems and transitioned to microservices, enhancing performance and resilience.
- Optimized the build pipeline, reducing build times by 92%.
- Created custom web applications and integrated machine learning models, improving user engagement and reducing manual workload.

Programming Tutor
Fanshawe College, London, ON
Jan 2021 – Apr 2021
- Conducted tutoring sessions in Python, JavaScript, and web development.
- Organized study groups and challenges, fostering a collaborative learning environment.

EDUCATION

Fanshawe College, London, ON
Ontario College Diploma in Computer Programming and Software Engineering (3.5GPA)
Sept 2020 – Apr 2022

Mohawk College, Hamilton, ON
Academic Upgrades
Feb 2019 – May 2020

Paris District High School, Paris, ON
Ontario Secondary School Diploma
Sept 2005 – June 2009

PROJECT HIGHLIGHTS

AOS Vue – https://github.com/quelchx/aos-vue
Enhanced the AOS library for Vue.js to deliver seamless scroll animations.

Vue Writer – https://github.com/quelchx/vue-writer
Developed a typewriting component for Vue.js, achieving over 50,000
downloads.

INTERESTS

- Video Games: Enthusiast of Old School RuneScape and competitive
  Pokemon.
- Music: Guitar player for nearly 20 years, with a preference for metal
  music.
- Outdoor Activities: Enjoys fishing and spending time outdoors.
- Family: Cherishes time with his daughter, fiancée, and dog.
- Reading & TV Shows: Enjoys reading and watching Sons of Anarchy, The
  Walking Dead, and Game of Thrones.

References and letters of recommendation available upon request.