

Zach Keatings

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[LinkedIn](#) | [Web Portfolio](#) | [GitHub](#)

PROFESSIONAL SUMMARY

Junior software developer with an Advanced Diploma in Computer Programming & Analysis and 19 years of professional experience. Built and deployed 4 production-ready full-stack applications including microservices architecture, real-time multiplayer systems, and zero-dependency platforms. Passionate about clean code, security best practices, and delivering practical solutions.

TECHNICAL SKILLS

Proficient: JavaScript, React, Node.js, Express, PostgreSQL, Docker, Socket.IO, JWT, Git, Linux

Experienced: Python, Java, Kotlin, PHP, MySQL, Sequelize ORM, Nginx, MinIO, HTML/CSS, Material UI, TailwindCSS

Familiar: React Native, Jetpack Compose, AWS EC2, Jest, Vitest, Playwright

Tools: CI/CD, GitHub Actions, Agile/Scrum, Postman, DevTools

PROJECTS

Stock Ticker | [Demo](#)

Stack: React, Node.js, Socket.IO, PostgreSQL

- Real-time multiplayer board game with synchronized gameplay, AI players, ELO rating system, and comprehensive achievement tracking.

LancersHub | [GitHub](#) | [Demo](#)

Stack: React, Node.js, Express, PostgreSQL, Docker, Socket.IO

- Microservices-based freelancing platform with 4 independent services (User, Message, Project, Payment), real-time messaging via Socket.IO, and Docker orchestration.

DataDock | [GitHub](#) | [Demo](#)

Stack: PHP, JavaScript, MySQL

- Self-hosted file-sharing platform with zero dependencies. Features token-based downloads, brute-force protection, dual quota systems, and one-click GitHub updater.

Mastermind | [GitHub](#) | [Demo](#)

Stack: JavaScript, HTML5, CSS3

- Vanilla JavaScript puzzle game with color-blind accessibility, Canvas API PNG generation, and customizable difficulty.

EDUCATION

Advanced Diploma, Computer Programming & Analysis

George Brown College | GPA 3.37 | Dean's List Honours

3-year program covering software development, databases, cybersecurity, and mobile/web apps.

Toronto, ON

April 2025

WORK EXPERIENCE

Operations & Logistics Professional

Various Employers including DPCDSB, Canada Post, Target, Ingram Micro

Mississauga, ON

2006 - 2024

- Delivered high-accuracy performance in inventory control, shipping/receiving, and facility operations
- Designed custom tool for 1000+ SKUs, improving quoting accuracy and cutting turnaround time by 30%
- Led onboarding and safety training, ensuring compliance and reducing errors
- Applied process optimization and quality assurance practices directly applicable to software engineering