

JACKSON PIPE

Software Developer · Cybersecurity Analyst

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PROFESSIONAL SUMMARY

Results-driven Software Developer and Cybersecurity Analyst with 3+ years of full-stack development experience and a Graduate Certificate in Cyber Security Analytics (Mohawk College, 2024–2025). Adept at architecting scalable web applications while applying security-first principles — penetration testing, threat detection, SIEM log analysis, and Azure cloud security. Holds the **Microsoft Certified: Azure Fundamentals (AZ-900)** credential. Bridges software engineering and cybersecurity to deliver products that are performant, maintainable, and resilient against modern threats.

EXPERIENCE

Code Sensei

Oct 2023 – Present

Code Ninjas · Hamilton, ON

- Mentor students through a self-paced, game-based curriculum, teaching programming fundamentals in JavaScript, C#, and Lua as they build their own games and apps.
- Break down complex programming concepts into accessible, hands-on lessons tailored to each student’s skill level, reinforcing problem-solving and debugging as they advance through belt-based skill tiers.

Software Developer

Sep 2021 – Apr 2023

Niagara College Canada · Welland, ON

- Led a cross-functional team of 5 in Agile/Scrum to architect and deliver a full-stack business-management platform for a local small-business client, on time and within scope.
- Designed and built core modules: POS system, inventory and supply-chain management, order processing, user authentication, payment-gateway integration, and automated invoice/receipt generation.
- Iterated on prototypes via user-feedback loops; final product exceeded all client requirements and received top marks from the academic evaluation panel.
- Stack: React · Node.js · MySQL · Bootstrap · RESTful APIs.

Coding Instructor

Jun – Aug 2019

Self-Employed · Hamilton, ON

- Designed and delivered introductory programming curricula for youth using Scratch, Python, and Java, adapting lessons to diverse skill levels.
- Translated complex technical concepts into accessible material — directly applicable to code reviews, documentation, and team mentoring.

EDUCATION & CERTIFICATIONS

Graduate Certificate — Cyber Security Analytics

2025 – 2026

Mohawk College · Hamilton, ON

- **Microsoft Certified: Azure Fundamentals (AZ-900)** — Microsoft · 2024

Diploma — Computer Programming

2020 – 2022

Niagara College · Welland, ON

TECHNICAL SKILLS

Languages	JavaScript / TypeScript, Python, C#, C++, SQL	Databases	MySQL, Microsoft SQL Server, MongoDB
Front-End	React, HTML5, CSS3, Bootstrap	Cloud & DevOps	Microsoft Azure, Docker, Git / GitHub, Linux
Back-End	Node.js, Express, ASP.NET Core, RESTful APIs	Security	Pen Testing, Network Security, SIEM & Log Analysis, Threat Detection & Response, Vuln. Assessment, Incident Response, Digital Forensics, Compliance & Governance