Matthew J. McCallum

Full-Stack Software Developer

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EXECUTIVE SUMMARY

Full-Stack Developer with 2+ years of experience in performance optimization, security, and custom software solutions. Secret Security Clearance with a solid background in AI projects and project management. Transitioned from a career in construction, leveraging strong teamwork and problem-solving abilities.

EXPERIENCE

Founder & Developer
ThinkOrbit Innovations Inc. (April 2024 – Present)

- Created tailored software and SEO solutions, enhancing client engagement.
- Offered consulting services to optimize operational efficiency.

Software Developer
WithYouWithMe Services Inc. (June 2022 – April 2024)

- Improved legacy systems for the Canadian Armed Forces, enhancing performance and security.
- Led process automation and cross-functional collaborations to ensure quality software.

PROJECTS

- **Rank E-Designs:** Developed SEO-optimized websites and consulting services.
- **Sustainability App:** Built carbon tracking app with React Native and reasoning capabilities.
- **Solar Optimizer:** Created solar panel placement tool using Flask, OpenWeather API, and Maps.
- **Cursor, Canvas Tutorials:** Created and published instructional tutorials on

how to use Cursor with claude-3.5-sonnet and ChatGPT 4o with canvas.

EDUCATION

Erdos Research: *AI and LLM projects (ongoing).*

Algonquin College, Ottawa, ON
Computer Programming (2020 – 2022)

- *Specialized in algorithms, design patterns, and multi-threaded programming.*

Law and Security (2005 – 2007)

- *Developed foundational skills in regulatory compliance and security protocols.*

TECHNICAL SKILLS

- **Languages:** Java, Python, C++, C#, JavaScript, SQL
- **Tools:** Git, Jira, Toad for Oracle
- **Cloud:** AWS, Azure
- **Database:** SQL Server, MongoDB

CERTIFICATIONS & AWARDS

Supervised Machine Learning: Coursera
Tech Design Sprint - Winning Solution (2022): Fortinet

ADDITIONAL EXPERIENCE

Construction Career Transition (2020)

- Transitioned from construction to software development following an injury, completing intensive programming training.
- Applied project management, troubleshooting, and attention to detail from construction to software challenges.