Madeline Capone | Software Engineer

Collingwood, ON | (416) 453-5130 | maddycapone@gmail.com
www.madelinecapone.ca | linkedin.com/in/madeline-capone/ | github.com/m-capone1

PROFILE

Eagar and motivated software engineer with a strong background in software engineering and creating digital solutions. Skilled in developing responsive SPA's, building APIs, and optimizing application performance. Excited about problem-solving and learning new technologies. Expertise in a range of languages and technologies including JavaScript, Node.js/Express, React, C++, TypeScript, Python, and AI-driven solutions (LLMs).

SKILLS

Front-End: React, Next.js, HTML5, CSS3, JavaScript (ES6+), TypeScript, Python
Back-End: Node.js, Express.js, RESTful APIs
Databases: MySQL
Tools: Git, GitHub, Open AI API (LLMs), Agile, Jira, Azure, DevOps

PROJECT EXPERIENCE

Lead Developer | Riopelle-Veer Realty

FREELANCE WEB DEVELOPMENT, SEPT 2024 - PRESENT

- Led the complete redesign of the client's web application using Next.js, React, and JavaScript, aligning the new design with the client's goals and branding.
- Optimized performance by implementing web scraping techniques and efficient API handling, improving page load times.
- Enhanced the overall frontend user experience by improving site navigation and implementing a clean, modernized, and responsive design.

Lead Developer | HyperTask

BRAINSTATION CAPSTONE, AUG 2024

- Developed a full-stack, AI-powered project management platform using React, Node.js, Express, MySQL, and the OpenAI API.
- Implemented LLM-based task automation, improving efficiency by 75%.

PROFESSIONAL EXPERIENCE

Mechanical/Software Engineer (EIT) | Stantec

DARTMOUTH, NS, OCT 2021 - OCT 2023

- Provided engineering consulting services, working on both mechanical and software-driven solutions for a diverse set of clients.
- Developed and integrated Python automation scripts to streamline mechanical engineering processes, reducing task completion times by 40%.

Logistics Analyst | Fleetway, Inc.

DARTMOUTH, NS, MAY 2021 - OCT 2021

- Conducted in-depth analysis of failure modes and performed criticality assessments to optimize engineering systems and improve preventative maintenance procedures.
- Applied Lean Six Sigma methodologies to streamline logistics operations, resulting in a 50% increase in operational efficiency.

EDUCATION

BrainStation | Diploma, Software Engineering

TORONTO, ON, JUNE 2024 - SEPT 2024

Western University | Bachelor's in Mechanical Engineering

LONDON, ON, JAN 2017 - APR 2021