

Mehdi Moradzadeh

Software Developer

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PROFESSIONAL SUMMARY

A passionate and results-driven software developer with a Full-Stack Development Certificate from the University of Toronto and a Master's in Engineering. Known for versatility, innovation, and a visionary mindset, with a strong foundation in problem-solving and a commitment to building scalable, high-performance applications that deliver real-world impact.

SKILLS & CERTIFICATIONS

Programming Languages: JavaScript (ES6+), TypeScript, Java, Python, C#

Frameworks and Libraries: React.js, Vue, Node.js, Express.js, jQuery, Handlebars, Electron.js, Windows Forms (.NET)

Web Development: HTML, Tailwind CSS

Database & API Tools: MySQL, MongoDB, SQL/NoSQL, GraphQL, REST API, Postman, Axios, Bcrypt

Deployment & Tools: Git, GitLab, npm, Heroku, AWS, Visual Studio Code, Microsoft Admin Platform

Technical Competencies: OOP, Functional Programming, MVC Architecture, UI/UX Design, Data Analysis, Optimization, Documentation, Stakeholder Communication, Cross-Functional Collaboration

WORK EXPERIENCE

Mr. Beaver Inc.

Vaughan, ON

Data Engineer/Backend Developer

February 2023 - Present

- Spearheaded the transition to a cloud-based, paperless workflow by developing automated Excel spreadsheets and databases to track inventory, costs, and daily logs, enabling improved invoicing efficiency, enhanced security, and actionable business insights through real-time data access and analysis.
- Orchestrated the migration from an outdated legacy website to a responsive, WordPress-based platform, enhancing system reliability while increasing overall efficiency by 15% through server optimizations and rigorous code reviews.
- Optimized system infrastructures by implementing a cloud-based CRM system to automate invoicing, customer follow-ups, and administrative tasks, enhancing system performance, reducing errors, and improving productivity.
- Implemented robust data security protocols using Microsoft OneDrive and Administration Platform, including role-based access controls, phishing email filters, and mandatory two-step verification, reducing security incidents by 30% and enhancing overall data integrity and communication oversight.
- Managed the redesign of the company website using React.js to enhance user engagement by 25%.

R&C Engineering

Toronto, ON

Engineer in Training

July 2022 - February 2023

- Oversaw restoration projects for a building science consulting firm, conducting on-site inspections, documenting observations, and reporting issues to ensure contractor compliance with design specifications.
- Developed clear and detailed technical reports for restoration projects, ensuring transparency with clients and supporting project dispute resolutions by translating complex engineering observations into client-friendly language.
- Conducted failure and reliability analyses during site inspections, managing AutoCAD designs to identify key non-compliance issues ensure alignment with engineering standards.

PROJECT EXPERIENCE

University of Toronto

Toronto, ON

BudgetWise

August 2023

- Developed a financial management web application using object-oriented programming (OPP), enabling users to track budgets, incomes, and expenses while visualizing financial activities through interactive pie charts for enhanced insights.
- Integrated Stripe for secure donation functionality, optimized data retrieval with GraphQL and MongoDB for flexible, scalable storage, implemented custom middleware for authentication, error logging, request validation and server routing.
- Technologies: OAuth, JWT, GraphQL, MongoDB, Token, Stripe, Express.js, Node.js

University of Toronto

Toronto, ON

Blogtopia

June 2023

- Developed an end-to-end social media platform the MERN stack, enabling users to create, read, update, and delete posts and comments using HTML, Javascript, and Node.js, enhancing overall user engagement and interaction.
- Technologies: Handlebars, REST API, CRUD, Hooks, Axios, Server Protocols, Postman, MySQL Schemas & Models

EDUCATION

University of Toronto

Toronto, ON

Full Stack Web Development Certificate

Graduation Date: August 2023

Ryerson University

Toronto, ON

Master of Applied Science in Engineering, Specialization in Concrete Materials

Graduation Date: January 2023