

Mohammadmahdi Moradzadeh

SOFTWARE ENGINEER

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LinkedIn: <https://www.linkedin.com/in/mahdimoradzadeh/> | **GitHub:** <https://github.com/Mahdi-Moradzadeh> |

Portfolio: <http://portfolio.mmoradzadeh.com/>

Summary

Versatile Web Developer with a strong foundation in managing software applications and a keen interest in systems optimization. Adept at leveraging data-driven strategies and cross-departmental collaboration to enhance product efficiency. Eager to bring a unique perspective to roles that combine web development and system operations.

Technical Skills

Programing Paradigms: Object Oriented Programing (OPP) | Functional Programming | Scripting Languages | Procedural Programing

Web Development:

Backend Skills: JavaScript | Express.js | Node.js | Handlebars.js

Frontend Skills: React.js | HTML | Cascading Style Sheets (CSS) | Bootstrap | Charka | jQuery

Database & API Tools: MySQL | MongoDB | Insomnia | GraphQL | REST API | JSON | Data Analysis

Deployment & Version Control: Git | Firebase | AWS | System management

Programming Language: C++ | C# | Python

Software & Application: Microsoft Office Suite: Excel | MS Project | AutoCAD | MATLAB | SAP2000 | ETABs

Experience

Associate IT Manager | Mr. Beaver Inc. | Toronto, ON

2023 - Present

- Spearheaded the automation of system administration tasks, utilizing data-driven insights to enhance software efficiency.
- Managed critical system infrastructures, ensuring optimal uptime and performance.
- Managed backup, user account and help-desk systems by implementing fail safe data security protocol and cloud-based resources.
- Collaborated closely with cross-functional teams, including marketing, to redesign and optimize the company website using React.js.
- Creating user stories, contracts, managing and collaborating with a skillful team of developers in implementing an automated system
- Reiterated the design process by first providing the most viable product then addition of features to improve the user experience.

Engineer in Training | R&C Engineering | Toronto ON

2022 - 2023

- Finished projects on time and within budget.
- Generated technical reports for customers.
- Formulated plans using detailed drawings.
- Conducted analyses addressing failure, reliability, or yield improvement.
- Worked collaboratively with contractors and engineers to ensure compliance with plans and specifications.

- Created drawings and plans using CAD software.

Graduate Assistant | Toronto Metropolitan University | Toronto, ON

2021 - 2022

- Graded assignments and tests and documented results into filing systems.
- Helped instructors with material generation, lesson plan development, class preparation, scheduling, exam distribution and student mentoring.
- Helped students master learning concepts through one-on-one and small group tutoring.

Projects

Movie Review | GitHub: /movieReview | Deployed Link: <http://movie-review.mmoradzadeh.com/>

- Developed a user-friendly movie review platform that allows for the addition of movies, user reviews, and viewing ratings from other users.
- Implemented analytics to track user interactions and gain insights into user behavior.
- Collaborated in a team of five developers, utilizing GitHub for version control and code reviews.
- Deployed the web application on Heroku for public access.
- Languages and Tools: JavaScript | Express.js | Node.js | Axios | MySQL | Sequelize | Handlebars.js | HTML | CSS | Bootstrap | Heroku

Blogtopia | GitHub: /blogtopia | Deployed Link: <http://blogtopia.mmoradzadeh.com/>

- Developed an end-to-end web app platform that allows users to share their blog with other users.
- Implementing object-oriented programming (OOP) and using relational database.
- All CRUD (create, read, update, delete) functionalities are implemented for better use experience.
- This project has been solely developed.
- Languages and Tools: JavaScript | Express.js | Node.js | MySQL | Sequelize | Handlebars.js | HTML | CSS | Bootstrap | Heroku

Education

Full Stack Web Development Certificate | University of Toronto | Toronto, ON

2023

Major: FS Web Dev

- Completed a rigorous 24-week immersive program centered around acquiring advanced technical programming proficiencies in HTML5, CSS3, JavaScript, jQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, Handlebars.js, and ReactJS.
- Engaged in modules focused on data management, learning tools, and methodologies crucial for handling large datasets efficiently.

Master of Applied Science | Toronto Metropolitan University | Toronto, ON

2023

Major: Civil Engineering | Specialized: Concrete Materials

- Master of Applied Science in Civil Engineering specialized in concrete materials, focusing on advancing oxidation testing for sulphide-bearing aggregates in concrete. Conducted extensive research, developed innovative methods, and contributed valuable insights. Publications underway.

Bachelor of Engineering | Toronto Metropolitan University | Toronto, ON

2020

Major: Civil Engineering | Specialized: Structure

- Bachelor of Civil Engineering specialized in structural engineering, with a focus on advanced structural analysis and design methodologies. Developed expertise in applying innovative approaches to optimize structural integrity and performance. Proficient in using industry-standard software for structural analysis and design.