

MARINA ZJALIC

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SKILLS

Languages: C#, Python, JavaScript, TypeScript, SQL | **Tools:** Git, Docker, Jira

Frameworks & Technologies: .NET, ASP.NET Core, Entity Framework Core, React, Next.js, REST APIs

EDUCATION

Bachelor of Computer Science, Honours — with Distinction
University of Windsor

Sept 2019 - Jun 2024
Windsor, ON

EMPLOYMENT HISTORY

Software Developer

Jul 2025 - Present

Level One Robotics and Controls, Inc

Windsor, ON

- Developed a multithreaded TCP server to manage multiple client connections and coordinate data exchange with external hardware, processing 1200+ requests per minute.
- Designed and implemented Python services to stream and process live state data, enforce validation rules, and handle edge cases to support reliable robotics systems.
- Fine-tuned and integrated computer vision models into backend pipelines, enabling real-time inference and automated decision-making.

Software Developer

Sept 2022 - Jul 2023

WMG Technologies

Windsor, ON

- Developed and deployed a full-stack security management application using C#, ASP.NET Core MVC, and DevExpress to deliver a responsive dashboard for managing employee access controls.
- Designed and implemented REST APIs to integrate with Epicor ERP systems and create unified services, optimizing data processing time by over 90%.
- Participated in Agile development practices, including sprint planning, code reviews, and task management using Git and Jira to support iterative feature development.

IT Technician | Co-op

Jan 2022 - Apr 2022

WMG Technologies

Windsor, ON

- Created documentation for recurring software issues, reducing related support volume by over 90%.
- Resolved software and hardware tickets through effective troubleshooting, supporting end-users in fast-paced manufacturing environments.

IT Technician | Co-op

May 2021 - Sept 2021

Kautex Textron

Windsor, ON

- Provided technical support for software, hardware, and network issues while configuring and deploying end-user devices to minimize production downtime and improve manufacturing workflows.

PROJECTS

Readify | React, Next.js, TypeScript, MongoDB

[code](#)

- Built a full-stack book tracking platform that integrates the Open Library API for searchable, paginated browsing of a large book catalog, allowing users to build personal libraries and track reading progress.
- Designed a social layer with follow/unfollow, ratings and reviews, and a personalized newsfeed for user accounts, featuring JWT session handling and Google OAuth 2.0 sign-in.

BookSmart - Smart Campus | React Native, Node.js, Express, MongoDB

[code](#)

- Built a full-stack mobile app for reserving University of Windsor study rooms, featuring an interactive campus map and REST APIs for room filtering, booking management, and availability.
- Trained a TensorFlow classification model and enabled AI-driven room suggestions, recommending alternatives when availability is limited.