Eldar Zulic

📍 Willing to Relocate ✉ eldarzulich03@gmail.com 📞 519-868-3440 in /eldar-zulic ⧉ /eldarzulic03

Experience

NAVBLUE, Airbus, *Full Stack Software Developer Intern*   May 2024 – present │ Waterloo
- Migrated authentication workflows from Auth0 rules to actions, **improving login performance by 40%** for 400,000+ annual authentications while maintaining **security and reliability** standards
- Designed, implemented, and deployed high-traffic API endpoints (**5,000+ calls/day**) using **C# and SQL**, enabling real-time data integration for enterprise customer with **scalable and fault-tolerant** architecture
- Optimized Vue.js front-end rendering, cutting load times by **55%** on views with **100+** dynamic elements

Western AI, *Developer* ⧉   Nov 2023 – present │ London
- Deploying a new time-series CNN based model approach with **Python**, **Tensorflow** & **Flask**, serving it over an API
- Communicate the teams progress, provide updates and discuss strategy to project manager during meetings

University of Toronto, Engineering Department, *AI Research Engineer*   May 2023 – Aug 2023 │ Toronto
- Built and deployed a Flutter front-end UI for an application that predicts falling risk in patients under a PhD research project
- Interviewed 50 patients and collected walking data for the AI model
- Setup server-hosting for multiple capstone projects and deployed their cloud components

Education

B.E.Sc. in Software Engineering, *Western University*   2026
Awards: Dean's Honor List (80%+ average)
Relevant Coursework: Linear Algebra, Data Structures & Algorithms, Programming & Scripting Fundamentals, Digital Logic Systems, Networking

Projects

FLOW
- Created a volunteer non-profit of 6+ developers & and deployed models
- Scrapes **200+** ER wait times hourly, totaling **146k+ records/month**
Technologies: Python, Playwright, Postgres

Obsidian Colab ⧉
- Refactored UI components in **Svelte** to improve SEO and reduce time-to-interactive by 25%, **enhancing performance at scale** for growing user bases.
- Integrated **Supabase** backend to securely store and manage beta signups, enabling **reliable user data collection** and outreach.
Technologies: Svelte, Supabase

Superhero Site ⧉
- Designed and implemented a **ReST API** for superhero data using **Node.js** and **Express** and integrated **MongoDB**
- Created a user-friendly client interface with **HTML**, **CSS**, and **React**
- Managed code efficiently using Git; deployed the application on public URL
Technologies: Javascript, Node.js, Express, HTML, CSS, Git, React

Brain Canada Management System, *Winner @KuriusHacks* ⧉
- Used **Python**, Pandas & Levenshtein libraries to build an application automates the applicant to researcher matching process, making it **10x faster**, eliminating bias through the use of keywords.
Technologies: Python, Pandas, Levenshtein

Technical Skills

- **Languages**: Python, JavaScript, Java, CSS/HTML, Dart, SQL, C, C#, Lua
- **Frameworks / Tools**: Git, Svelte, OOP, Pandas Library, Tensorflow, Flutter, Bootstrap, Node.js, Express, MongoDB, React, Auth0, AWS, Supabase, Postgres, Playwright, Flask, Vue