

AJ ADVERSALO

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Hands-on Full-Stack Developer specializing in React, .NET, and cloud-first solutions. Dedicated to shipping real results, automating workflows, and improving systems end-to-end, with a growing focus on AI-driven enhancements.

TECHNICAL SKILLS

- **UI / Front-End:** HTML, CSS, JavaScript, TypeScript, ReactJS, NextJS, Redux, MaterialUI, Ant Design, Tailwind CSS, FontAwesome
 - **API & Back-End:** C#, .Net, Entity Framework, NodeJS, Supabase
 - **Database:** SQL Server
 - **DevOps & Cloud:** Azure DevOps, AWS, Git, IIS, Apache, Netlify
 - **Testing & Automation:** Selenium, Playwright
 - **Other Tools & Integration:** i18next (localization), SendGrid, Google Maps API, OpenAI API
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SIDE PROJECTS

AiJabber.ca - Ongoing

- A personal ChatGPT-style web app for experimenting with multiple AI models (GPT-5, Gemini, etc.), featuring on-demand selection of endpoints and model versions through a unified chat interface.
 - Integrated Google OAuth for secure authentication and optimized for cost-efficiency by leveraging pay-as-you-go API keys, making personal AI usage significantly cheaper than standard subscriptions.
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WORK EXPERIENCE

Centra Windows

Langley, BC | June 2023 – present

Senior Software Developer

- Spearheaded the migration of the company's legacy calendar-based scheduling software, Centra's *centralized communication system (CCS)*, to a modern React-based architecture, achieving a remarkable improvement in application performance by over 50%, resulting in enhanced scalability, performance, and user experience.
- Led the development of a *windows production tracking software*, initiating the company's shift from paper-based to digital processes. This software empowers production line staff to monitor and update real-time status through each phase of manufacturing, significantly enhancing workflow transparency and operational efficiency across the production floor.
- Oversee code reviews and manage changes for two critical applications above, ensuring code quality and alignment with project standards by approving or refining contributions from less senior developers.

Technologies: NextJS, Javascript, Typescript, C#, .Net Core, Redux, IIS, Apache, Ant Design, Flowfinity, Visual Studio, Playwright, NodeJS

GenXys Healthcare Systems

Vancouver, BC | July 2019 – June 2023

Intermediate Full-Stack Developer (July 2021 - June 2023)

Junior Full-Stack Developer (July 2019 - July 2021)

- Designed and developed multiple React components that are currently in use across the company's web applications, contributing to increased efficiency and improved user experience.
- Implemented shipping functionality using the Canada Post API, resulting in 80% reduction in manual typing and streamlined the Pharmacogenetic test kit shipping workflow.
- Contributed a big part in the design and development of a robust User Management Module, which allowed for efficient management of user access, licenses, and permissions across the GenXys product suite.
- Developed an email sender module that enables applications to send a variety of email communications, improving communication with customers and stakeholders.

Technologies: C#, JavaScript, .Net Core, ReactJS, Redux, Azure DevOps, MaterialUI, SendGrid, i18next, Entity Framework, Visual Studio, Selenium

Taymor Industries

Delta, BC | December 2016 – June 2018

IT Specialist

- Supported end users by resolving application and system issues, analyzing root causes, and collaborating with developers and cross-functional teams to improve stability and user experience; analyzed logs, monitored servers, and applied patches to minimize downtime; automated routine administrative tasks (onboarding, permissions, updates) with scripts and tools, improving efficiency and consistency while providing structured feedback that informed vendor and developer fixes.

Technologies: Active Directory, Exchange, Windows Server, WSUS, SQL, PowerShell, Bash, HTML/CSS, REST APIs, Monitoring & Logging Tools

Qatar Petroleum

Doha, Qatar | Jan 2010 – April 2016

- Application & Web Support Specialist (Nov 2013 – April 2016)

- Supported business-critical applications, diagnosing and resolving technical issues in collaboration with development teams.
- Maintained and enhanced internal web tools using HTML, CSS, and JavaScript, improving user experience and functionality.
- Automated reporting and administrative tasks with scripts, streamlining daily workflows.
- Contributed to small-scale web projects, applying software development best practices alongside traditional support work.

- IT Support Engineer (Jan 2010 – Nov 2013)

- Provided front-line technical support to end users, resolving hardware, software, and network issues across multiple offices.

- Maintained and troubleshooted systems, performed user onboarding, managed permissions, and implemented regular updates and patches.
- Delivered exceptional customer service, documented incidents, and contributed to process improvements in support workflows.

EDUCATION

Saint Louis University

Bachelor's Degree | Information Technology

ICAS Evaluation: Canadian equivalency of a 3-year postsecondary diploma