

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, Java, Python, Django, Entity Framework, NodeJS, ExpressJS, Supabase
 - **Database:** SQL Server, PostgreSQL
 - **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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WORK EXPERIENCE

Centra Group of Companies Software Developer

Langley, BC | June 2023 – present

- Spearheaded migration of Centra's legacy scheduling system to a modern React architecture, improving application speed by 50% and rolled it out successfully across all company branches in Western Canada (Langley, Calgary, Edmonton, Victoria, Kelowna).
- Prototyped AI-driven scheduling features with OpenAI, showcasing the potential for predictive planning and data-driven decision-making in future releases.
- Developed the Manufacturing Operations Tracker to digitize paper workflows, enable real-time production updates, and cut logging time by 40%, and rolled it out successfully to manufacturing facilities in Langley and Calgary.
- Oversee code reviews for two core applications, ensuring quality and mentoring junior developers through feedback and refinement.

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

British Columbia Institute of Technology (BCIT)

Vancouver, BC | Oct 2018 – June 2019

Plasmatic Technologies, Team Member

- Developed a React Native Q&A mobile application that enabled companies to customize questionnaires and automatically generate structured JSON outputs for analytics and integration.
- Deployed on AWS with a NoSQL backend, ensuring scalable storage and fast retrieval of responses, while delivering the solution in collaboration with industry partners under agile practices.

Technologies: React Native, MongoDB and AWS

Taymor Industries

Delta, BC | March 2017 – 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

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

EDUCATION

Saint Louis University (Philippines)

Bachelor's Degree | Information Technology

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

British Columbia Institute of Technology

Certificate | Software Systems Developer