

# Andrew Daniel Singari

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## WORK EXPERIENCE

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### Web Developer Intern

April 2024 - Present

*SightSage Food and Nutrition Inc.*

*Richmond, BC*

- Designed, developed, and deployed Shopify B2B and B2C websites for sale eye supplements across North America.
- Implemented and fine-tuned machine learning algorithms to optimize recommendation engines, achieving a 15% increase in customer engagement, and integrated solutions via RESTful APIs into existing web applications.
- Front-end development in React Native for iOS and Android applications.
- Skills: Shopify, Wordpress CMS, Javascript, Typescript, CSS, Tailwind, Material UI, Python

### Web Developer Intern

Aug 2023 - March 2024

*Coast Spas Manufacturing*

*Langley, BC*

- Developed an AI-driven system utilizing machine learning models like collaborative filtering using Python and integrating it into a web application through Azure API Management & Hybrid Connections.
- UI-UX with React for multiple B2B and B2C websites and their integrations with Syspro Windows ERP for automated entering of sales orders and invoices.
- Completed the migration of our OAuth system while ensuring zero-downtime using PHP and C#.
- Automated and shipped a warranty portal application to track claims and spa registrations. Integrated with Microsoft Dynamics 365 CRM & Syspro ERP system:
- Skills: Javascript, Php, Python, React, NodeJS, MySQL, HTML, CSS, Jest, Typescript, RESTful API, JQuery, Syspro ERP System, Microsoft SQL Server, Microsoft Azure

### Machine Learning Engineer (Contract)

June 2021 - July 2023

*Worldlink Exports*

*Dubai, UAE*

- Implementation of a scalable, cloud-based data processing and analytics platform, integrating machine learning algorithms for automated data preprocessing pipelines, reducing preprocessing time by over 30%.
- Created custom Power BI reports for clients, utilizing DAX queries on multiple tables. Reduced manual intervention by 25%, resulting in time saving and enhanced productivity.
- Skills: MySQL, Front-End Development, Databases, Web Development, Git Node JS, React, Power BI: Power Query, MDX, DAX, AWS

## EDUCATION

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**Trinity Western University** *Langley, BC*

BSc Computer Science

## SKILLS

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|------------------------|--|
| Programming Languages  | Python, Java, C++, R   |
| Machine Learning Tools | TensorFlow, PyTorch, Keras, Scikit-learn   |
| Data Analysis          | Data preprocessing, Feature engineering, Data visualization  |
| Deep Learning          | Convolutional Neural Networks (CNNs), Recurrent Neural Networks (RNNs), Generative Adversarial Networks (GANs) |
| Model Deployment       | Docker, Kubernetes, AWS, Azure ML  |
| Version Control        | Git, SVN   |