



## Recent Professional Experience

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### SOFTWARE ENGINEER; KONRAD GROUP, TORONTO | APRIL 2015 - PRESENT

- Manager of a team of 12 developers ranging from Associate to Architect.
- Built and deployed (as contributor and leader), over 20 web applications including:
  - Marketing Websites
  - E-Commerce Experiences
  - Customer & Employee Portals
  - Personal Banking Applications
- Ran other technical implementation projects like Analytics & CDP implementations, data migration, product version upgrades, performance enhancements, security hardening, and escalated troubleshooting.
- Spearheaded multiple internal business initiatives in areas like training, outreach, product development, cybersecurity, performance evaluation, and automation.
- Managed the technical side of our Platinum level Adobe partnership, including certification and product support.

Primary technologies: **AEM & React**, CDP implementations with **AEP**, and many other projects using **Node** and **React** including deployment on **AWS** and **Azure** and **integrations** with hundreds of third party platforms and **APIs**.

### FULL STACK DEVELOPER; MEDIA CLASSIFIED, VAUGHAN | APRIL 2014 - JANUARY 2020 | (PART TIME, CONTRACT)

Implemented & maintained several websites including carandtruck.ca. Provided consulting services and CentOS server maintenance (primary server admin). Key technologies included **React**, **Python (Django)**, & **PostgreSQL**.

## Select Projects

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I've built a lot of stuff. Below is a select few projects I am proud of, but I'd love to tell you more about other work!

### AEM IMPLEMENTATION FOR LARGE AUTOMOTIVE OEM | 2021 - PRESENT

Led a team of 8 developers to build and deploy a replacement marketing website on **Adobe Experience Manager**. This included the implementation of an authenticated "owner's portal" application with **Auth0** as an IDP, vehicle presale purchases through **Stripe**, a purchasing queue (like you'd see on Ticketmaster) implemented using **Azure Functions** and **Redis**, and several integrations with data vendors (recalls, vehicle data, accessories, warranty).

### CDP IMPLEMENTATION FOR LARGE ENTERTAINMENT COMPANY | 2022

Led the implementation of **Adobe RTCDP** for a large entertainment company. This included work in data architecture and ETL with **Azure Data Factory**, as well as various integrations with **Salesforce** and advertising and data partners and consent management.

### WEBSITE MIGRATION FOR CANADIAN AIRLINE | 2018 - 2021

Led a team of 10 developers to migrate the airline's primary domain website from **Teamsite (OpenText)** to **Adobe Experience Manager**. This included custom migration scripts in **Python**, infrastructure work for partial site rollout (**Akamai**), and a drop-in replacement for several **Java** web services to avoid requiring work from the entire organization.

## Skills & Interests

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Primary competencies include: **React**, **JS/TS/Node**, **Python**, **Django**, **Java**, **AEM**, **C#**, Webserver administration (**nginx**, **Caddy**, **Apache**), deploying scalable cloud solutions (serverless, automated CI/CD/DR, logging and monitoring, containerization with **Docker**) using cloud platforms like **AWS**, **Azure**, various devops platforms and tools, and the Adobe Experience Cloud.

## Education

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McMaster University, Hamilton ON – Bachelor of Engineering Society, Software. *Minor: Peace Studies.*