

# Aaron Cameron Francis

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## PROFESSIONAL EXPERIENCE

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### Software Developer

2023-Present

*Ndex Systems*

- Orchestrated financial report automation through PowerShell and streamlined pipeline operational efficiency.
- Designed and developed a responsive Python interactive dashboards with a bespoke ETL, enabling dynamic real-time analytics customization and on-the-fly report generation with comparisons to real time stock and benchmark data.
- Designed and developed revamps of internal UX/UI, from initial wireframes to full development and seamless integration.
- Integrated APIs, collaborating across both custom and Microsoft Rest APIs to elevate and fortify pivotal functionalities within the firm's data pipeline.

### Full Stack Developer

2021 - Present

*Omen Consulting*

- Sourced and secured clients for personal business in various markets such as: high-end candle industry, neurotherapy care, fragrances & manufacturing.
- Designed and developed websites independently, and added custom elements & API connections to backend platforms & performed E2E automated & integration testing.
- Gathered & normalized raw data for various analytical requests including market analysis to then present to clients with recommendations on how to develop their business' technology post development.

### Frontend Developer

2022 - 2023

*Definite Image Productions*

- Led web development initiatives as the primary developer, utilizing multiple platforms and tools to build dynamic & responsive websites.
- Specialized in designing and developing custom components using Liquid and JavaScript, enhancing the functionality and user experience of dozens of websites that are published & live.
- Successfully managed backend services on numerous websites, encompassing payment processing, setting up and managing carrier APIs & inventory APIs, subscription models, and MLM software.
- Created and deployed targeted advertisements across diverse platforms, leveraging AI-targeting software to maximize campaign effectiveness, one of them yielding over 300% growth in a single day.

### Software Consultant, Project Manager

2018-2020

*Arrival G.T.R.*

- Outlined and designed a web-based multi-user third party logistics software.
- Devised a real-time algorithm-based shipment calculator dependent on load size, route and time constraints.
- Shadowed through sales calls, meetings and participated in the selection process of developers.

## EDUCATION

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### Concordia University

- John Molson School of Business – *BComm, Marketing, Graduate*
- Gina Cody School of Engineering – *Mechanical Engineering, 2 years*

### Certifications

- University of Michigan Python Specialization
- Meta Suite Front & Back End (Full Stack)

## TECHNICAL COMPETENCIES

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**Programming Languages** → *Python, HTML5, CSS, Javascript, Java, Node.js, React, Angular, Liquid, C++, C#*

**Tools, Libraries, Frameworks** → *MySQL, Airflow, AWS, MongoDB, PostgreSQL, Express.js, Pandas, Numpy, ETL, Docker*

**Other** → *Photoshop, Illustrator, Dreamweaver, Premier, Microsoft Suite, Google Suite, Figma*

## ACTIVITIES AND INVOLVEMENT

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SAE Concordia Racing Team → *Junior Engineer, Combustion Engine Team*

Space Concordia Rocketry Team → *Senior Engineer, R&D Team, Published author in International Base 11 Competition*