

# Alexander De Laurentiis

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## Professional Summary

Full stack developer with strong foundations in NodeJS, Angular, and RxJS. Experienced in building REST APIs, scalable web applications, data processing, and database management. Known for clear communication, teamwork, and respecting timeline and project specifications.

## Skills

**Languages:** Python | JavaScript | Java | C++ | Prolog | Bash | Terraform

**Frameworks/Libraries:** NodeJS | Angular | RxJS | Stripe | Axios | Flask | NLTK | Sklearn | opencv

**Databases:** SQL-Lite | MySQL | MongoDB | TerminusDB

**Other:** Git | Docker | CircleCI | Linux | Insomnia | Emacs | Scrum | Jira | Proxmox | Scale HC3

## Education

[Concordia University](#) - Bachelor of Computer Science (BCompSc)

Montreal | August 2022

## Experience

[Oriso Solutions](#) - Full stack software developer

November 2022 - February 2026

- Built and maintained scalable REST APIs, added security features, proposed and implemented company standards
- Worked on the full lifecycle of our primary company product [IC3](#), an infrastructure management tool for hypervisor servers, which was nominated at the 2025 [Scale Computing](#) Conference
- Implemented multi-tenant grouping, billing, and management integrated with *Stripe*
- Implemented guards and access level control, bringing security to ISO 27001 standards
- Did the onboarding and training for new employees and interns, managing them on projects and increasing the rate of how comfortable they were developing features by months.
- Presented and recorded product demos for potential clients, and collaborated with partner organizations for joint features

## Projects

[Personal Site](#) - [Demo](#)

- [A-rated](#) secure full stack web application served with *https* and hosted through *docker* or accompanying *systemctl* service file
- Gallery serving full resolution images with dynamically created page links
- Microservice architecture, and fully working circleci ci/cd ssh deployment integration

[Search Engine](#) - [Demo](#) - Sack: Python, Flask, Django

- Developed a web crawler which fetches html data and pipes that data into a reverse index, which is then sorted using the BM25 ranking algorithm and used in a search engine to populate results.
- Simple *django* interface hosted by *flask* server to allow queries to the index for the most relevant documents out of the 10,000 paths scraped from [concordia.ca](#)

**Languages:** English (Native) | French (Beginner)