

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 timelines 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 | Latex | Linux | Insomnia | Bruno | Emacs | Scrum | Jira | Proxmox | Scale HC3

Education

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

Montreal | September 2017 - August 2022

Experience

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

November 2022 - Present

- Built and maintained scalable REST APIs, added security features, proposed and implemented company standards for them
- Worked on the full lifecycle for 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 for a scalable amount of clients integrated with *Stripe*
- Implemented guards and access level control, bringing security to ISO 27001 standards
- Trained new interns and employees
- 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

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

- Developed a web crawler that pipes data to populate a reverse index, which is sorted using the BM25 ranking algorithm
- 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)