

Alexander Cohen

Full Stack Web Developer


Experience creating, testing, deploying, and maintaining web applications. With a Strong emphasis on software design and architecture to provide high-quality business solutions.


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EXPERIENCE

Adaptive

Full Stack Developer

 Dec 2021 - Present  Montreal, QC

 Java Spring, Kafka, Typescript React/Angular, PostgreSQL, Redis

- Worked as a backend developer assisting in creating microservice-oriented backend applications for clients in the cryptocurrency, investment, and banking sectors.
- Collaborated with front-end development to coordinate with clients, working on complex UI systems involving multiple monitors.
- Collaborated with DevOps team members in project setup and building CI/CD pipeline integration with VCS.
- Deploying containerized applications using AWS ECS/EKS.
- Achieved the high throughput needed for trading applications using a reactive programming approach.
- Assisted in the migration of old monolithic legacy applications to lightweight microservice systems to improve throughput and scalability as well as maintainability of old codebases.
- Project development using an agile approach, bi-weekly sprints, attending daily standups, meeting deadlines, and showcasing features and their value to clients.

TECHNICAL SKILLS

LANGUAGES

 C++

 Java

 Typescript



 Python

FRAMEWORKS

Frontend

 React  Angular

Backend



 Spring Boot  NodeJS


DATABASES



 Postgres  Mongo

 Redis

TECHNOLOGIES

 Docker  Bash

 Kubernetes

 Git  Gitlab

Full Stack Developer



Sept 2019 - Nov 2021



Montreal, QC



Typescript NodeJS, React, Python, RabbitMQ, MongoDB, Redis

- Collaborated with clients across several domains in the fields of pharmaceuticals and medicine as a part of an independent consulting team.
- Developed/maintained large real-time pharmaceutical web applications achieving high throughput using an event-driven microservices architecture.
- Developed frontend applications using React/NextJs framework while managing state using Redux.
- Transferred legacy systems into modern frameworks providing significant improvements in scalability/performance
- Furthermore reduced infrastructure costs by deploying applications from traditional mainframes to flexible cloud-based applications.
- Re-designed traditional monolith systems into a more scalable, performant microservice architecture.



PROJECTS



Ecommerce Platform - Team Lead of 12



Github Repo



Trello

- Coordinated with team members to plan, develop, test, and present the platform.
- Established development teams and assigned members to individual teams based on aptitudes/skills and personalities.
- Spearheaded weekly meetings with teams to monitor progress, as well as help resolve any issues during the development process.
- Ensuring deadlines for project goals are met in a timely matter on an individual basis.

PARADIGMS



REST



Event-Driven Architecture



Microservices



CI/CD



SOLID



SOFT SKILLS



Bilingual Eng/Fr



Excellent Team Player



Creative Problem Solver



Time Management



EDUCATION



Concordia University
BSc. Computer Science
Class of 2020

- Awardee, School Bursary