LAITH KAMALEDDINE

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CONTACT

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SKILLS

Languages

Python	JavaScript
C++	TypeScript
Java	HTML
SQL	CSS

Frameworks and Technologies

Node.js	React.js
Express.js	Spring
Django	Flask
Jenkins	Docker
Selenium	SciKit Learn
RMDBS	NOSQL

COURSEWORK

Object Oriented Software Development

Data Structures and Algorithms

Computer Architecture and Processor Design (RISC-V)

EDUCATION

University of Waterloo (UW)

BA.Sc Computer Engineering
Waterloo, ON - Expected April 2022

York Mills Collegiate Institute

French Bilingual Honours Graduate
Toronto, ON – June 2017

WORK EXPERIENCE

2019   **Full Stack Software Developer** | NCR Canada

- Led the development of various frontend and backend features across NCR's banking application, APTRA Passport.
- Implemented a biometrics login feature for NCR's mobile deposit application.
- Contributed to all stages of the application lifecycle, including development, regression testing, and deployment.

2018   **Software Developer** | Genesys Telecommunications Laboratories

- Developed core features within Genesys' microservice-based cloud platform.
- Created rest API solutions to improve module health and status monitoring.
- Built full-sized CI/CD pipelines for new microservices, with features including unit tests, integration tests, deployment tests, and clean-up procedures.

PROJECTS

Meza | React Native · Node · Express · Flask · PostgreSQL

- Created a mobile app that scores a food product's healthiness based on a photo of its ingredients.
- Leveraged technologies such as Tesseract.js, Google API, and Watson API for OCR, automated ingredient research, and sentiment analysis respectively.
- Implemented a Gateway-Container microservice architecture on the server for horizontally scalable backend functionality.

The Auto-Committer | React · Node · Express · MongoDB

- Designed and implemented a web app that executes automated, routinely GitHub commits for all of its users.
- Researched and successfully incorporated best practices for security, including one-way hashing, salting, escaping, and CSRF prevention.

PyBlog WebApp | Jinja · Bootstrap · Django · MySQL

- Built a blogging web app in Django with features such as creating, updating, and deleting posts, updating profile information, and resetting forgotten passwords.

INTERESTS & INVOLVEMENT

Volunteering:	Royal Conservatory of Music, WS Aquatics Swimming Instructor
Music:	Piano, Guitar, Composition, Music Software
Sports:	Table Tennis, Rock Climbing, Basketball, Swimming
Languages:	English, French, Arabic