

LAITH KAMALEDDINE



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laithkd.com

CONTACT

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SKILLS

Languages

Python	JavaScript
C & C++	TypeScript
Java	HTML
SQL	CSS

Frameworks and Technologies

Node.js	React.js
Express.js	Spring
Django	Flask
Jenkins	Docker
JSP/Servlets	SciKit Learn
RMDBS	NOSQL

COURSEWORK

Object Oriented Software Development

Data Structures and Algorithms

Systems Programming and Concurrency

Embedded Microprocessor Systems

Computer Architecture and Processor Design (RISC-V)

EDUCATION

University of Waterloo (UW)

BA.Sc Comp. Eng. (2022)

OTHER INTERESTS

Volunteering: RCM, WS Aquatics

Music: Piano, Cello, Composition

Languages: English, French, Arabic

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.
- Utilized Cordova and IBM Trusteer solutions to integrate biometrics login and anti-root security features into 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' cloud platform, notably a microservice for on-the-fly voice translation designed for international VOIP call centers.
- Created RESTful API solutions to improve module health and status monitoring efficiency by 25% within the Genesys MCP Kubernetes cluster.
- Built full-sized CI/CD pipelines with features including unit tests, integration tests, deployment tests, and clean-up procedures.

2018 RPA R&D Developer | KPMG LLP

- Led the design, plan, and development of KPMG LAYNE, an NLP solution for free-form lease agreement analysis. LAYNE locates key information within an unstructured lease contract and aggregates the results into an intuitive UI, decreasing lease processing times by 90% (from 2 hours to 10 minutes).

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

- Built a web app to make any developer look like a dedicated code guru. Auto-Committer performs customizable, routinely commits to GitHub daily or weekly on behalf of its users, giving them a pleasing and colorful commit history.
- Researched and successfully incorporated best practices for security, including one-way hashing, salting, escaping, and CSRF prevention.