

# Shahab Salem.

shahab.salem3@gmail.com (587) 439-4903 shehabsn.github.io linkedin.com/in/shahab-salem

## Work Experience.

### Software Development Engineer Intern

Amazon (Payment Services) - Vancouver

June 2021 - Sep 2021

- Automated the provisioning and rotation of essential AWS resources by utilizing AWS CDK, deploying more scalable infrastructure and reducing manual efforts and errors.
- Designed an extensible Typescript library to be employed by multiple production services to simplify integration and cohesion between services.
- Created Lambda functions using Node.js, asymmetric keys, and identity access management roles and policies to solidify security measures and define granular level permissions for resources.

### Software Developer Intern

Canadian Institute for Health Information - Toronto

Jan 2020 - April 2020

- Kick-started the optimization of the generation process for key nationwide healthcare reports, amplifying speed and accessibility by redesigning Java and Spring code.
- Launched AWS EC2 & RDS instances, utilizing Cloud Formation to deploy an Angular & Python Flask app.
- Engaged in creating a Predictive Analytics Machine Learning model using healthcare data with Python.

## Education.

- University of Calgary, BS - Computer Science

Sep 2018 - May 2023

## Key Skills.

- **Languages:** Java , Python , Javascript , Typescript , C , C++ , SQL , HTML , XML , CSS , Haskell
- **Technologies & Libraries:** Node , Express , React , Spring , Git , REST , GraphQL , Flutter , AWS
- **Databases:** PostgreSQL , Oracle , MySQL , Google Cloud Firestore (NoSQL) , MongoDB

## Selected Projects.

**Dime:** Mobile app integrating all things social on campus | Acquired by Campus Connect Nov 2019

- Acquired 2500+ users in 4 days with a retention rate of 95% on the 2nd day.
- Selected out of 5000+ applicants to pitch at YCombinator.
- Implemented back-end functionality including API integration, geo-location features, real-time messaging, user profiles, and post threads, using Flutter, Firebase, and Node.js.

**Applyd.io:** Web application and chrome extension to help candidates streamline their job hunt

- Built using React, GraphQL, Apollo Client, Node.js, Firebase, and PostgreSQL

**[Coding Youtube Channel \(linked\):](#)** Covers GraphQL, Python & more