

# Shahab Salem.

## Full-Stack Developer & Technopreneur

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

### Education.

- University of Calgary, BS - Honors Computer Science Sep 2018 - May 2022

### Key Skills.

- Languages:** Java , Python , Javascript (ES6) , SQL , HTML , XML , CSS , C
- Technologies & Libraries:** Node , Express , React , JQuery , Spring , Git , REST , GraphQL , Flutter , AWS
- Databases:** MySQL , Oracle , PostgreSQL , Google Cloud Firestore (NoSQL) , MongoDB

### Work Experience.

#### 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 ~20%, through redesigning Java and Spring code.
- Significantly reduced batch queuing and job failures by at least 35%, decreasing client tickets & issues.
- Revamped the database layer, decreasing redundant data transfer and database calls by refining SQL queries and employing Object mappers.
- Launched AWS EC2 & RDS instances, utilizing Cloud Formation to deploy an Angular & Python Flask app.

#### Co-founder & Full-Stack Developer

Omnia - Mountain View, California | Acquired in Nov 2019

May 2019 - Nov 2019

- Spearheaded the iterative development of a streamlined ed-tech solution providing key data analytics on student behavior to university systems.
- Selected out of 5000+ applicants to pitch at YCombinator as part of the Winter 2020 batch.
- Added \$140,000 into our predicted sales pipeline and brought about \$80,000 into final quotation stage.
- Conducted market research and leveraged customer insights to lead the agile development utilizing Node, Firebase, Javascript, Bootstrap, and HTML.

### Selected Projects.

**Dime:** Cross-platform mobile application that integrates all things social on campus ([www.getdime.ca](http://www.getdime.ca))

- Acquired 2500+ users in 4 days with a retention rate of 95% on the 2nd day.
- Implemented back-end functionality including API integration, geo-location features, real-time messaging, user profiles, and post threads, using Flutter, Firebase, and Node.js.
- Instituted efficient data pagination mechanisms to decrease database calls by at least 55%.

[Coding Youtube Channel \(linked\)](#): Covers GraphQL, Python & will include React, Node, Express, Mongo