

Shahab Salem.

Full-Stack Developer & Technopreneur

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Education.

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

Key Skills.

- Languages:** Java , Python , Javascript , SQL , HTML , XML , CSS , C , 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.
- 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.
- Engaged in creating a Predictive Analytics Machine Learning model using healthcare data with Python.

Co-founder & Full-Stack Developer

Omnia

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.
- Predicted a sales pipeline of \$140,000 from two Canadian Universities.
- Conducted market research and leveraged customer insights to lead the agile development utilizing Node, Firebase, Javascript, Bootstrap, and HTML.

Selected Projects.

Dime: Mobile app integrating all things social on campus (getdime.ca) | Acquired Nov 2019

- 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 & Competitive Programming