

# Shahab Salem

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## Key Skills

- **Languages:** Java , Python , Javascript , HTML , CSS , C , C++ , C# , Dart , Assembly (ARMv8)
- **Technologies and Libraries:** Node.js , Express.js , JQuery , Bootstrap , MySQL , Google Cloud Firestore (NoSQL) , MongoDB , Flutter , HTTP and REST architectures , EJS , Git , Linux Command Line , Wordpress , Minitab
- **Proven Abilities:** Cross-platform mobile development (iOS & Android), responsive website development, desktop application development, data manipulation and analysis.

## Work Experience

### Co-Founder and Software Engineer

Dime | June 2019 - present

- Dime is a mobile app on iOS & Android chosen out of 5000+ applicants to pitch at Y Combinator this fall.
- Oversaw the agile development process and implemented the majority of the backend functionality, business logic, and set up the architecture of the database effectively for maximum user experience and scalability.
- Acquired 2000+ users in 4 days with a retention rate of 95% on the 2nd day.
- Interacted with APIs to gather cross-media user data and increase user acquisition by 24%.
- Utilized **Flutter**, **Cloud Firestore** as the database, and **Node.js** for server side cloud functions.

### Full-stack Website & Desktop Application Developer

Freelance | April 2019 - present

- Offered full-stack services aiming to help businesses thrive in a competitive environment by providing them with a tailored website maximizing user satisfaction and brand endorsement, or simply catering to their personal or professional needs.
- Utilized numerous technologies depending on the client's needs, including **Java**, **HTML**, **CSS**, **Javascript**, **MySQL**, **WordPress**.

## Projects

### Omnia: Data analytics dashboard for university systems

- A web dashboard ed-tech solution providing data analytics for student behavior to university systems to enable them to make data driven decisions in efforts to enhance the students' overall environment and experiences.
- Garnered interest from **The University of Waterloo** and a sales pipeline of 9 schools.
- Developed with **Javascript**, **CSS**, **Bootstrap**, **HTML**, **Cloud Firestore**.

### Funder: Mobile platform simplifying group payments

- A cross-platform mobile app that enables users to keep track of multiple payments for different groups and events and conveniently pay them on the app.
- Developed with **Flutter** and **Cloud Firestore**.

## Education

### University of Calgary, Bachelor of Science

Sep 2018 - present

- Majoring in Computer Science, minoring in Data Science
- Jason Lang Scholarship

### Udemy

January 2019 - present

- The Complete 2019 Web Development Bootcamp
- Java Programming Masterclass for Software Developers
- The Complete 2019 Flutter Development Bootcamp