

# Ahmed (Waseef) Shawkat

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## SKILLS

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**Languages:** [Java, JavaScript, Go & SQL] (*Advanced*), [HTML & CSS] (*Intermediate*), [Python & PHP] (*Familiar*)  
**Frameworks & Tools:** [React & React-Native], [RxJava, Node], [Redis], [MySQL, Postgres & DynamoDB] [Docker]  
**Certifications:** AWS Associate Solutions Architect 2019 (Credential ID: GG6916E2P1VEQNCB)

## EXPERIENCE

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### Accenture

Toronto, ON

Full Stack Software Developer Intern

Sep. 2019 – Dec. 2019

- Worked effectively as a **full stack developer** in Liquid Studio Rapid Prototyping team with tasks ranging from writing **blockchain smart contracts** for a **Hyperledger Fabric** network, **REST** endpoints in **Node** and front-end features in **React-Native**
- Performed **devop** roles by migrating the entire blockchain network from **AWS Managed Blockchain** to run on a fleet of **EC2** instances by using **Docker** to containerize each of the nodes bringing massive cost savings
- Rearchitected the user authentication and sign-in flow by using **AWS Cognito** and **Lambda** to reduce backend complexity

### Kik Interactive

Waterloo, ON

Server Developer Intern

Jan. 2019 – Apr. 2019

- Used **RxJava** and **DynamoDB** to develop a daily & weekly reward feature, where users are rewarded with **Kin cryptocurrency** for completing various in-app challenges
- Implemented several **gRPC** routines in different **micro-services** to develop features where users can spend **Kin** within the app; lead to **25,000+** daily active spenders
- **Scaled** services by implementing **Redis** caches on database layers and jitter on chat reset times to prevent spikes

### Locallyyz

Toronto, ON

Full Stack Mobile Developer Intern

May. 2018 – Sep. 2018

- Built a backend service, using **Go** and **Postgres**, which generates a “**product score**” to classify and rank e-commerce products by quantifying the description, images and sales history
- Redesigned the product showcase website to implement a mobile-first approach using **CSS3 flexbox** styling
- Designed and implemented multiple **REST** endpoints for **hot sales** feature of the app

### Teranet

Toronto, ON

Front-End Web Developer Intern

Sep. 2017 – Dec. 2017

- Refactored extensive portions of **front-end** code base to improve **end-to-end** test coverage using **Protractor**
- Used **AngularJS** and **JavaScript** to create an auto-save and revert feature for the application’s settings page

## PROJECTS

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### React-Native-Double-Tap

- Open source **npm module** which can detect both double and single tap events. ~**500 weekly downloads**

### Net-Time

- Chrome extension built using **React** which tracks the amount of time spent per day on each website.

## EasyFrame

- Wordpress style **CMS** built using **PHP** and **MySQL** which integrates with the **CanvasPop** payment API allowing users to sell printed versions of their photographs to visitors.

## EDUCATION

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### University of Waterloo

B.A.Sc. Honours Computer Engineering

Cumulative Average: 85%

*Waterloo, ON*

Sept. 2016 – Apr. 2021 (*expected*)