

# JOSHUA GHORI

ASPIRING SOFTWARE ENGINEER



## EXPERIENCE

- SOFTWARE DEVELOPER • TOYOTA** Fall 2019  
[React.js](#) • [Node.js](#) • [Express.js](#) • [JavaScript](#) • [MySQL](#) • [HTML](#) • [CSS](#)
  - Developed a single-page application in **React.js**, **Express.js**, and **MySQL** using a **MVC** design pattern for employees to record their business mileage and submit end of year reports, utilized by 2,500+ employees
  - Implemented **Node.js** server to create internal timesheet system, saving \$30,000 annually
  - Designed and developed a **RESTful API** using **Node.js** and **Express.js**, which makes requests to dealership servers and allows employees to examine key metrics, increasing process efficiency by 75%
  - Developed stored procedures in **MySQL** to instantiate data dashboards for parts distribution metrics
  - Proposed and implemented improvements to UI using **React.js** that increased employee involvement by 60%
- SOFTWARE DEVELOPER • CIBC, CAPITAL MARKETS** Winter 2019  
[React.js](#) • [Node.js](#) • [Express.js](#) • [Python](#) • [Javascript](#) • [MySQL](#) • [HTML](#) • [CSS](#)
  - Saved 150+ hours quarterly by creating a web application in **JavaScript**, **HTML** and **CSS** allowing employees to upload and compile data from profit and loss statements to identify key metrics and global investments
  - Improved security on personal banking software by creating **Web APIs** using multi-tier architecture
  - Developed a dashboard summary page using **React.js**, **Express.js** and **Tableau API** to integrate with an existing financial reporting tool, increasing department productivity by 50%
  - Created **Python/MySQL** application to analyze shareholder activity and provide investment recommendations
- QUALITY ASSURANCE ANALYST • SILFAB SOLAR INC.** Spring 2018  
[Java](#) • [Python](#) • [MongoDB](#)
  - Implemented solutions for 100+ system defects by collaborating with an agile work-team consisting of QAs and Software Analysts reducing idle times by 55%
  - Developed quality management system using **Python** and **MongoDB** to track quality, voltage and durability of solar modules produced, increasing traceability
  - Worked closely with business stakeholders to obtain requirements and develop advanced **Java** test suite and stored procedures to generate data reports



## CO-CURRICULARS

- WEB DEVELOPMENT TEAM LEAD • WATERLOOP** 2019 - Present  
[Angular.js](#) • [Express.js](#) • [Node.js](#) • [Javascript](#) • [HTML](#) • [CSS](#)
  - Utilized **Angular.js**, **Node.js** and **Express.js** to redesign user interface, while preserving critical functionality
  - Managed team of 20+ to develop SEO strategy, increased web traffic by 26%
  - Automated image optimization and minified JavaScript, which improved page load times by 30% and reduced manual touch points by 40%
  - Competed in semifinal round every year in the [SpaceX Hyperloop Competition](#)
- FOUNDER • LOO-EXCHANGE** 2020 - Present  
[React.js](#) • [Node.js](#) • [GraphQL](#) • [Javascript](#) • [Python](#) • [HTML](#) • [CSS](#) • [PostgreSQL](#)
  - Developed online marketplace using **React.js** and a **MVC** design pattern allowing Waterloo/Laurier students to buy and sell sneakers and streetwear apparel
  - Implemented **GraphQL** and **PostgreSQL** backend to track user data and activity
  - Automated customer service experience by integrating Chatbot using **Tensorflow**
  - Designed mock ups, developed components, and created unit tests using **Selenium** for web UI testing



## EDUCATION

- UNIVERSITY OF WATERLOO** 2017 - Present  
[Management Sciences-Engineering](#)
  - Received Faculty of Engineering Scholarship and President's Scholarship
  - Relevant Courses:** Data Structures and Algorithms, Databases, OOP, Design Patterns

## CONTACT INFO

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## SKILLS

### LANGUAGES

[JavaScript](#) • [Python](#) • [Java](#) • [HTML](#)  
[CSS](#) • [PHP](#) • [R](#)

### FRAMEWORKS

[React.js](#) • [Angular.js](#) • [Node.js](#)  
[Express.js](#) • [JQuery](#) • [Django](#)

### DATABASES

[MySQL](#) • [MongoDB](#) • [PostgreSQL](#)

### CLOUD TECHNOLOGY

[AWS](#) • [Azure](#) • [Docker](#) • [Kubernetes](#)

## CERTIFICATIONS

- Six Sigma Green Belt
- Toyota Business Practices
- Udacity Data Analyst
- MERN Stack Development

## ACHIEVEMENTS

**VELOCITY STARTUP CONTEST**  
Loo Exchange placed in Semi-finals

**HACK THE VALLEY**  
MLH 3rd place out of 76 teams

**PAYPAL INNOVATE CONTEST**  
2nd place out of 96 teams

## SELECT PROJECTS

**EMPLOYEE SOCIAL PLATFORM**  
Designed an enterprise connectivity platform to track projects and improve cross team collaborations. Integrated facial recognition feature using Azure Cognitive APIs.

**CELEBRITY RECOGNITION**  
Created React.js application that uses a machine learning API to predict the celebrity in the image a user submits with 82% accuracy.

**NBA HALFTIME REPORT**  
Designed User Interface that connects to a MySQL database of over 1000 players that spans 10 years. Used PHP to connect the database and display unique queries.