

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](#) • [Javascript](#) • [HTML](#) • [CSS](#)
 - Utilized **Angular.js** to redesign user interface, while preserving previous 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.