

# SHIYU WANG

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## Summary

Full-stack JavaScript developer with hands on experience in designing, developing and maintaining web as well as mobile applications. Possesses diverse experience of creating multiple highly scalable applications using different tech stacks. Adept at understanding the requirements of the clients and delivering projects accordingly. Demonstrates the capability of maintaining code by fixing bugs as well as conducting end to end testing. Highly skilled at problem solving to ship mature products within deadlines. Looking forward to applying the acquired gamut of skills in a challenging role.

## Technical Skills

### Languages

JavaScript, HTML, CSS, SASS/SCSS, Java, Python, SQL/NoSQL

### Frameworks/Libraries

React.js, jQuery, React Native, Redux, Angular, Vue.js, Bootstrap, Node.js, Express, Spring MVC, Jasmine, TypeScript

### Databases

MySQL, Microsoft SQL (T-SQL), MongoDB (NoSQL), SQLite Development  
OOP, TDD, Agile Methodology

### Tools

Git, JIRA, Telerik, VS/VS Code, WebBrain, Spring Tool Suit, Android Studio, Heroku, AWS

## Professional Experience

### Urban League of Eastern Massachusetts

Roxbury, MA

#### Workforce Development Program Instructor

Mar. 2018 – Present

*A nonprofit organization offering programs and services to every participant, we facilitate an array of skills-training classes and workshops which cover a variety of job skills and expertise.*

- Built and maintain company official web application for **1,000+** users
- Instructed students **full-stack** development to become entry-level engineers
- Designed curriculum of **MERN stack** development course
- Designed & Developed students **management system** to help tracking and managing students
- Collaborated with corporations, such as Google, MIT, Amazon Education and Wayfair to provide opportunities, workshop and resources for students

### Project Management & Delivery

#### Urban League of Eastern MA Web Application

<https://www.ulem.org/>

- Tech Stack:
  - HTML5, CSS3, JavaScript, React, Redux, Node, NPM, JSON, Git version control, NoSQL MongoDB, Express, Bootstrap, jQuery
- Created the company official **web app & hybrid mobile app** from scratch
- Maintained the application on **AWS** for 1,000+ monthly users
- **Fixed 30+ bugs** in the code including multiple front-end responsiveness bugs on Bootstrap

#### MSIMBO Students Management System

<http://www.msimbo.com/>

- Tech Stack:
  - HTML5, CSS3, JavaScript, Angular, React, React Native, Redux, Node, NPM, JSON, Git version control, NoSQL MongoDB, Express, JWT
- Designed and implemented students management system from scratch to help tracking and managing students
- Created **React Native** mobile application for the system
- Used **React hooks** and **Redux** to simplify the future maintenance
- Implemented **JSON Web Tokens** for authentication
- **Fixed 60+ bugs** to ensure smooth and functioning of the applications

### SourceOne Inc

Boston, MA

#### Business Solution Developer

Jul.2014 – Dec. 2015

*A nationally recognized energy consulting firm providing highly specialized energy management, engineering, and owner's representative services for commercial, industrial, and municipal energy concerns*

- Worked on the front-end design and development of web portal development with **JavaScript, Durandal.js** and **Telerik**
- Managed **Microsoft SQL** server to update data structure and created procedures to support data for web portal
- Created dynamic **Telerik** and **DevExpress** Reports from **SQL Server** for company and clients
- Improved performance and **UX** of web portal for clients
- Debugged web application to fix issues causing by different browsers

## Education

### Northeastern University

Boston, MA

#### M.S. Computer Science

2016 - 2017

### Northeastern University

Boston, MA

#### B.S. Computer Science, Minor in Math

2012 - 2016