

# Harsha Vykunta

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## WORK EXPERIENCE

Owlz.io, Seattle, WA

May 2018 - Current

**Software Developer** (Experiential Project)

Responsibilities:

- Worked on setting up the project stack consisting **Java, JavaScript, Spring MVC, React** and **Redux**.
- Managed website deployment and maintaining on Heroku
- Utilized **Node, NPM** as build/dependency management tools and **JIRA** as bug tracking/program managing tool
- Designed and created responsive and component-based UI layout for the website using CSS3 flexbox and grid systems
- Decreased the loading times and build sizes of the website to 80% by using asynchronous loading for components

Northeastern University, Seattle, WA.

Sep 2017 - Apr 2018

**Graduate Teaching Assistant**

Responsibilities:

- Assisted and taught over 20 students of courses '(INFO 5000) Application Engineering and Development' and '(INFO 6205) Program Structure and Algorithms'
- Worked with the students in improving their technical skills including **JAVA, JavaScript, Algorithms** and Object-oriented principles
- Performed individual code reviews and graded the submissions

## EDUCATION

Northeastern University, Seattle, WA.

Jan 2017 - Apr 2019

Master of Science in Information Systems **GPA: 3.84**

Coursework: Application Engineering and Development, Program Structures and Algorithms, Web Development Tools and Methods, Data Management and Database Design, Smartphone-Based web development, Cryptocurrency/Smart Contract.

## TECHNICAL SKILLS

Programming/Markup Languages	:	JavaScript (Es6), Java (1.8), Python (3), Swift (4), HTML5, CSS3
Databases	:	SQL Server, PostgreSQL, MongoDB
Frameworks/Libraries	:	React.js, Node.js, Express, Django, jQuery, Spring
Testing Frameworks	:	JUnit, Mocha, JEST
Build Tools	:	Webpack, Browserify
Tools	:	JIRA, Trello, Git

## PROJECTS

**Tweets - Social Networking Website:**

- Built using **JavaScript, NodeJS, React, Redux, MongoDB, Express, Bootstrap**, and **Git**
- Developed a single page social networking application. Users will have a newsfeed and follower recommendations based on what the user follows
- User can login using Twitter's **OAuth**, like, comment and share the tweets on Twitter
- Created **RESTful API** services, authentication using **JWT** and persistent login

**Book Recommendation Application:**

- Built using **JavaScript, NodeJS, Express, React, HTML, CSS** and **Git**
- Developed a single page book recommendation application where users can vote their interests, find their interested book by filtering and searching
- Created **RESTful API** services, responsive and component-based UI layout

**One-stop shop! E-commerce website:**

- Built using **Python, JavaScript, Django, HTML, CSS, jQuery, Ajax, Git, Heroku** and **AWS s3**
- The website consists of individual profiles, custom analytics, cart management for both signed up and guest users
- Utilized **Bootstrap** for CSS styling, **Stripe** for payment options and **MailChimp** to send custom emails to customers
- The application is deployed on **Heroku** and uses Amazon's **AWS s3** for static files

## AWARDS

Awarded as 'Teaching Excellence' by Northeastern University for the academic year (2017 - 2018) on June 9, 2018