

# Malav Shah

FRONT END ENGINEER · UI / UX ENTHUSIAST

577 E Baseline Rd, Apt 3071, Tempe, Arizona 85283

☎ (+1) 480-692-1358 | ✉ shahmalav1995@gmail.com | 📱 malav2110 | 🌐 shahmalav1995

## Work Experience

### Unicon, Inc.

Gilbert, Arizona

USER EXPERIENCE (UX) DEVELOPER II

Jul 2019 - Present

- Consulted as Developer and Technical Advisor for Fortune 1000 technology companies, industry leading publishers and renowned universities.
- Modelled and Implemented Reusable and Accessible Front-end components with latest frameworks, libraries and user experience in account.
- Constructed components with Keyboard accessibility, Screen Reader compatibility following WCAG 2.0 Level AA, ADA and Section 508 standards.
- Engineered Web Applications with Serverless Architecture with the help of Webiny CMS, AWS Amplify, GraphQL and NoSQL database.
- Contributed to Open Source Projects - DefinitelyTyped, XastScript

### Cyr3con Cyber Reconnaissance, Inc.

Tempe, Arizona

SOFTWARE DEVELOPER

May 2018 - May 2019

- Administrated building automated scripts for faster development, management and testing of Cyr3con Services using Python.
- Designed and Produced RESTful web services and API based on Spring Framework for collecting and storing the Dark and Deep Web Data.
- Formalized daily alert system based on keywords matching techniques from data collected from malicious sites and market places.

### Arizona State University

Tempe, Arizona

GRADUATE SERVICE ASSISTANT

Jan 2018 - May 2018

- Coordinated as GSA for CSE205 - 'Object Oriented Programming and Data Structures' under Dr. Mutsumi Nakamura.
- Introduced and Customized multiple Front-end components and modules for different web pages of CySIS lab.

### TechnoStacks InfoTech, LLC.

McKinney, Texas

SOFTWARE DEVELOPER

Jan 2017 - Jun 2017

- Produced Proof of Concept for a Geo Fencing enabled application on Internet-of-Things device integrating Bluetooth and Beacon Technology.
- Released the Android application to support Indoor Navigation for the local museums and exhibitions with custom layouts and floor plans.

## Skills

<b>Front-end</b>	React, Angular, Gatsby, Vue, AngularJS, Redux, HTML5, CSS3, LESS, SASS, Jest, Mocha, Chai, Jasmine
<b>Programming</b>	JavaScript/ECMAScript, TypeScript, Node.js, JAVA, Python, GraphQL, Spring, Keras, Apache Tomcat
<b>AWS</b>	Lambda, S3, Amplify, CodeCommit, Cognito, IAM, EC2, CodeBuilt
<b>Accessibility</b>	WCAG, ADA, Section 508, Axe, ChromeVox, VoiceOver
<b>Serverless</b>	Webiny CMS, NextJS

## Education

2017-2019 **Masters of Computer Science**, Arizona State University

3.97 / 4

2013-2017 **Bachelors in Information and Technology**, Nirma University, Ahmedabad, India

8.42 / 10

## Project

### 'Eathub' - an Intelligent Visual Recommender Application

TECHNOLOGIES USED: D3JS, ANGULAR 4, NODEJS, MONGODB, PYTHON

Jan 2019 - May 2019

- Built a 'smart' visual interactive system which recommends restaurants based on various recommendation criterions.
- Developed interactive modules for restaurants for in-depth analysis based on reviews and visiting patterns of the customers.
- Recognized as 'Best Project' for the best presentation, unique data analysis and interactive visualizations.

### 'CommonSense' - A Natural Language Knowledge Extractor

TECHNOLOGIES USED: JAVA, PYTHON, MONGODB

Aug 2018 - Dec 2018

- Developed an intelligent and smart NLP application that can extract various kinds of human-aware knowledge from the plain text.
- Addressed advanced and complex AI domain which is commonly known as 'Pronoun Coreference' on a large web corpus.
- Based on the knowledge type, application generates question set which can be evaluated on 'Winograd Schema' challenge.

### Secure Banking System

TECHNOLOGIES USED: ANGULARJS, JAVA, SPRING, NODEJS, APACHE TOMCAT SERVER

Aug 2017 - Jan 2018

- Designed and implemented a system which ensures requirements for secure banking transactions and account management.
- Integrating public key infrastructure with secure socket layer and data hashing methods to enforce security of the application.
- Maintained system security with user-account control, trust management, database control and encrypted critical internal files.