

MONALI MHETRE

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CONTACT

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SKILLS

- **Languages:** Java, Python, C++, PHP, SQL, JavaScript.
- **Automation:** Jenkins, Selenium, JIRA, Git, Eclipse, Confluence, Agile (Scrum), TestNG, Cucumber, BDD, Junit, Maven, CI/CD Pipeline, REST Assured Testing, SAFE, Postman.
- **Databases:** MySQL, MongoDB, DB2, SQLite, Postgres, DynamoDB.
- **Frameworks:** Spring Boot, MVC Architecture, Flask, React.js, Bootstrap4, CodeIgniter.
- **Web:** HTML5, CSS3, Node.js, REST, SOAP, XML, Apache, JSON, AJAX, JPA.
- **Network Protocols:** TCP/IP, HTTP, HTTPS, FTP, SMTP, UDP.
- **Operating Systems:** Windows, Linux (Ubuntu), macOS.

EDUCATION

Master of Science – Computer Science
University of Texas Arlington.

(August 2020)

Bachelor of Engineering
University of Pune India.

(May 2016)

Courses: Design and Analysis of Algorithms, Database Systems, Software Engineering, Computer Networks, Web Data Management, Software Testing.

EXPERIENCE

Trainee Software Engineer

Techrecruitlab Development Center | Pune, India (Jan 2017-Dec 2017)

- Rated as a High Performer. Generic training in Java, JavaScript, DBMS, and Software Engineering.
- Trained in back-end programming technologies like Node.js, Python, and PHP.
- Hands-on experience on database technologies like MySQL and MongoDB. Worked on Website and Application Development.

PROJECTS

Mac Facility Management System

(JAVA)

- Build web app using MVC pattern in JAVA and JSP pages. Tested the front-end of application using Selenium + Cucumber (BDD) Framework, TestNG. Backend testing of the application done by using Junit and PIT.

Spring Boot App with Web-services

(JAVA)

- Developed a REST-API for simple social media application using Spring Boot framework in Java. Database used is H2 and Postman tool for HTTP requests. Data format used is JSON.

'SayItRight' Web App

(PHP)

- Developed a web application for pronouncing names of different culture people accurately using CodeIgniter Framework (MVC pattern). Includes WordPress (Blogs) with ability to login and form registration for events and individual user. Deployed project on UTA cloud, used phpMyAdmin panel.

Fuzzy-Search React-Redux UI

(JavaScript)

- Built a User Interface for searching Ingredients of different products by using fuzzy-search library of JavaScript. Used React-Redux at client-side and Node.js at server-side of the application. Used (AWS) DynamoDB to store and retrieve data which was in json format from the database.

Cloud Computing

(Python)

- Created web interface for users to fetch required information about earthquakes from MySQL database using Python Flask framework. Deployed the application on IBM Cloud (Bluemix) and AWS.

Designed a Client-Server

(JAVA)

- Designed a multithreaded web Server to handle multiple web Clients. The web server and web client communicated using a text-based HTTP protocol.