

EDUCATION

New Jersey Institute of Technology, USA – Master’s in Computer Science (GPA 3.4) **May 2019**
Shah and Anchor Kutchhi Engineering College, India - Bachelor of Engineering in Information Technology **May 2017**
(CGPA 7.27/10)

Key Courses: Java Programming, Big Data, Data Structures and Algorithms, Advanced Database Management Systems

TECHNICAL SKILLS

Programming Language: Java, JavaScript, Angular, Python, jQuery, AJAX, CSS, PHP, MySQL, PL/SQL, MongoDB

Tools and Technologies: Hibernate, Spring, AWS, Xampp, Hadoop 2.9.0, Bootstrap, Eclipse, WordPress, GitHub.

WORK EXPERIENCE

Full Stack Developer : National Institutes of Health (NIH-NLM), USA **Sept 2020 - Present**

- Involved in designing, developing and testing of current MeSH Brower using MEAN (MongoDB, Express, Angular and Node) stack applications and provided the required support on production server
- Worked on RESTful Web services as well as Node Rest framework for backend services used Mongo DB (NoSQL) for database services.
- Developed Bootstrap responsive web application pages using Angular services, controllers and directives for front end UI/UX.
- Worked with JASMINE in testing and Protractor for unit testing angular modules. Developed and implemented automation testing methods using Selenium to test various services and their integration capabilities and limitations.

Full stack Developer : T. Rowe Price, USA **Sept 2019 - March 2020**

- Implementation of client side and server side programming using Angular 8, HTML5, JSP, JQuery and JavaScript and CSS3. Involved in Unit integration, bug fixing, acceptance testing with test cases, Code reviews. Used Java/J2EE/Spring to develop testing framework to monitor Jenkin jobs and other testing result.
- Design and Developed RESTful services interface using Spring framework to the underlying web application event API .
- Integrating with third-party services and external APIs as a part of implementation of the high-volume internal web application
- Developed UI screens from scratch using HTML5, CSS, SASS, Typescript and Angular 8. Used Jenkins as CI/ CD to package the application for different platforms and multiple clients.

Software Engineer : The Quant Edge, USA (Internship) **June 2019 - Sept 2019**

- Developed Responsive Single Page Applications (SPA) using Angular and rendering pages on the server side for faster loading and updating. Familiar with creating Custom Reusable Angular Components Library.
- Worked on implementing multiple API calls to fetch the data on the website thereby reducing the waiting time for the updates and increasing the efficiency.
- Used Angular built-in directives, custom directives and services for developing interceptor and complex UI data table grids.

Software Development Engineer : SRL Group, USA (Capstone Project) **Jan 2019 - May 2019**

- Involved in developing the application using Spring Framework that uses Model View Controller MVC architecture with JSP as the view to handle/intercept the user requests and used various controllers to delegate the request flow to the Backend tier of the application. Implemented Data Access layers for the code which is used for manipulating data in the Database.
- Designed mapping between relational database tables and object oriented Java objects using Hibernate framework. Worked on designing test cases for unit testing applications using Junit testing.
- Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development.

Software Developer : UE LifeSciences, India **June 2015 - June 2016**

- Enhanced the user-experience and build Desktop application which would work faster by reducing the load time resulting in increased revenue by effectively using Angular, HTML, CSS, Bootstrap, and JavaScript and jQuery library.
- Implemented Spring services in combination with Angular 4 as front end to form a Microservice Oriented application.
- Performed detailed data analysis using SQL to develop reports. Led transition of application, developed training programs, support model for the end users. Established coding standards and enforced them through automated tools (SonarQube).

PERSONAL PROJECTS

Customer Relationship Management System: Spring, Hibernate, MySQL, Java

- Designed Customer Relationship Management System to better understand the MVC architecture, which includes all CRUD (Create, Read, Update and Delete operations using Java framework Spring and Hibernate.
- Data is stored and retrieved from database using Data Access object (DAO) which makes use of Hibernate API and services

Flickr API: Javascript, jQuery, AJAX

- Build a Javascript application to retrieve images from Flickr public API feed using Ajax and jQuery.
- Ajax is used to retrieve the images that matches the search term from the API which is in JSON format.

ACADEMIC PROJECTS

Local Mart Management System: PHP, MySQL

- Conceptualized, Designed and Implemented an E-commerce website that provides the user with a catalog of different items available for purchase as per their needs using PHP and relational database MySQL.
- Published Technical paper in Imperial Journal of Interdisciplinary Research (IJIR)-(<https://goo.gl/WwUYhL>)