

EDUCATION:

Master of Science in Computer Science

Fitchburg State University

August 2021 - December 2022

Fitchburg, MA, USA

Bachelor of Technology

Jawaharlal Nehru Technological University

September 2013 - May 2017

Hyderabad, India

WORK EXPERIENCE:

Tech Mahindra

Hyderabad, India

Software Engineer:

June 2019 – April 2021

- Designed and developed software for **Spring** Framework based **SOAP** and **REST** based Web services that met the requirements of a Banking customer application in an Agile environment.
- Used **HTML**, **CSS**, **Angular**, **Java Spring**, **MySQL** for the development, and **Jasmine** and **Karma** for Unit testing.
- Enhanced the readability and performance of existing program using lambdas and hashing techniques.
- Improved the performance of existing **SQL** queries by 50% using indexes and common table expressions.

Associate Software Engineer:

April 2018 – May 2019

- Improved the Customer experience by developing a web dashboard that displays the encryption status and detailed info using **Angular** by fetching the data from the API.
- Built and productionalized efficient **Spring Boot** Java Microservices with **REST** APIs for Easy Pay installments feature in Fairstone system following Test Driven Design using JUnit.
- Coordinated in different phases of the product delivery (Analysis, Development, Testing (TDD), Version Control, Deployment, Maintenance, Documentation, Customer Support & Troubleshooting) under **Agile** software development lifecycle.

ACHIEVEMENTS:

- Received a promotion to a senior-level position at Tech Mahindra for delivering projects well before the target timelines.
- Employee of the month** (05/2020) received the award for achieving code coverage above 80%.
- Awarded **\$6000** scholarship from Pace University.

SKILLS:

- Programming & Scripting Languages:** Java, Python, JavaScript, C#, .Net, Power Shell
- Web Technologies:** HTML, CSS, SQL, React JS, Angular, Node JS
- Databases:** Oracle SQL, MySQL, MongoDB
- Others:** Git, IntelliJ, Eclipse, Visual Studio Code, Postman, Selenium, Junit, Maven, Jenkins
- Certifications:** [AWS Certified Developer](#), [The Complete Web Developer Course 2.0](#)

PROJECTS:

Image Processing Application [Java, JavaScript, HTML, CSS]:

- Devised a Java app using MVC architecture to apply filters and color transforms on an image provided by user.
- Provided functionalities to blur, sharpen, sepia, greyscale, dither and mosaic an image along with tools for generating flags and various other shape-based images.
- Programmed a user-friendly graphical user interface with help of Java Swing.

Movie Store [React, Mongo DB, Express, Node, AWS]:

- Developed a MERN stack web application that displays the latest collection of movies and related information wherein the authenticated users can like a movie, mark their favorites, and post reviews.
- Deployed on an AWS EC2 instance with NGINX as the frontend web server and node as the backend server along with a cloud Mongo DB cluster to store the movie data and AWS S3 bucket to store the Movie posters.

University Admission System [Java, Spring/Spring Boot, JPA/Hibernate, React JS]:

- Developed a system with up-to-date information for students to search, apply & track the status of the application.
- Implemented with three user categories (admin, admission committee & student), users can perform CRUD operations based on the access groups assigned on their role using consumed REST APIs built on Java Spring Boot.
- Used Spring security for authentication, Data JPA for data access, configured a mail service and implemented an excel parsing with Apache POI. Used React JS and Material UI for a responsive User interface.

Relevant Coursework:

Data Structures, Object Oriented Analysis and Design, Design and Analysis of Algorithms, Operating system and Networking, Java, Intro to Data Science, Python, Machine Learning, Data Mining and Predictive Analytics.