

EDUCATION

University of Texas at Dallas**2021 - 2022**

Master of Science in Computer Science with Data Science specialization, CGPA: 3.9

VNR Vignana Jyothi Institute of Engineering and Technology, India**2016 - 2020**

Bachelor of Technology in Information Technology, GPA: 3.85

SKILLS

Languages: C, C++, Java, Python, SQL**Web Technologies:** HTML5, CSS3, JavaScript (ES6), jQuery, AJAX, JSON, REST, Node.js, Express.js, React, GraphQL**Databases:** MySQL, SQL Server, MongoDB**Version Control:** Git, Bitbucket, GitHub**Tools & Frameworks:** Flask Framework, Microsoft Office Suite, Postman, Jira, Confluence

WORK EXPERIENCE

Software Development Engineering Intern, Expedia, USA**May 2022 - Jul 2022**

- Implemented UI components using a server-driven UI model and rendered them onto a template engine.
- Utilized GraphQL query and mutation to manipulate data and REST API calls to update the database.

Software Engineer I, NCR Corporation, India**Oct 2020 - Jul 2021**

- Incorporated enhancements, and solved functional issues using technologies like C#, JavaScript, React, and HTML.
- Conducted data-driven analysis and solved bugs, stories, and customer escalations for NCR NOLO web application.
- Followed Agile with scrum methodology along with sprint reviews for timely delivery of the project.

Software Engineering Intern, NCR Corporation, India**Jan 2020 - Sep 2020**

- Dealt with bug removal in a POS project using C++, and MFC technologies. Assisted with the resolution of functional issues that arose during the integration of other products.
- Designed an automation framework for regression testing. Automated API testing scenarios with Java REST Assured.
- Authored BDD Scenarios and automated them using Selenium, Java, and TestNG which captured 75% of bugs.

MENTORSHIP

Women in Software Engineering (WISE) Mentor Program, Microsoft**Oct 2018 - Feb 2019**

- Delivered an Android app that compares the price of products from major e-commerce sites and predicts the price changes using a predictive analytics model in liaison with mentors from Microsoft.
- Consumed a price REST API using Java application. Utilized tools like Adobe XD, Firebase, Android Studio, and Appium during various SDLC stages from design to testing.

PROJECTS

Bath & Body Works Clone, UTD**2021**

- Devised an interactive online ordering store using Node.js, Express.js, MongoDB, HTML, and Bootstrap with modules for customers and admin. Enhanced the app with user authentication using passport.js.

Smart Traffic Light System, VNR VJIE**2020**

- Optimized the traffic light system to change dynamically based on the current density of vehicles to reduce the waiting time, therefore, reducing petrol consumption which achieved 90% accuracy for the testing dataset.
- Implemented the app using canny edge detection algorithm, OpenCV library for Image Processing in Python.

Resource Sharing for Schools, Code for Good - JPMC, India**2019**

- Built a website using PHP that clusters underprivileged schools based on region and enables resource sharing.
- Equipped the app with dashboards using analytics, HTML, CSS and presented the working model to JPMC mentors.

ROLES AND RESPONSIBILITIES

Vice-Chair of CSI (Computer Society of India) Student Chapter, VNR VJIE - Organized events and workshops during annual technical events, and cultural fests. Crucial in club development.