

## EDUCATION

### Master of Science in Information Technology

01/ 2022 – 12/2023

- University of Texas at Dallas, Dallas, TX, USA.

### Bachelor of Engineering in Computer Science & Engineering

08/ 2016 – 08/2020

- Visvesvaraya Technological University, Bangalore, KA, IN.

## SKILLS

- Programming Languages:** Java, JavaScript, Python.
- Front-end:** ReactJS, HTML, CSS, jQuery.
- Database Management:** Oracle SQL, PostgreSQL, MySQL, Non-Relational (MongoDB).
- Operating Systems:** Windows, Linux, UNIX
- Back-end:** NodeJS, Firebase, PHP, Express.js, Django
- Tools:** Visual Studio code, Git, AWS, Azure, MS SQL Server, Jira, Jupyter, Google Colab, Vue.js, Figma, WordPress, MS Office, Visio, Android Studio.
- Soft Skills:** Problem-Solving, Adaptability, Communication, Time Management, Team Player.

## EXPERIENCE

### Rebecca Everlene Trust Company, Chicago, IL, USA.

01/2024 – present

Web Developer [ ReactJS | NodeJS | ASW | Firebase]

- Developed and maintained the front-end of the web application using React.js, resulting in a 20% increase in user engagement.
- Built and integrated back-end services using Node.js and Express.js, enhancing order processing speed.
- Implemented MongoDB for secure and scalable data storage, reducing data retrieval time.
- Collaborated with UI designers and developers to define product vision, user personas and user experience journey, enhancing user satisfaction scores by 15%.

### University of Texas at Dallas, Dallas, TX, USA.

05/2022 – 12/2023

Student Assistant [Java | HTML5 | CSS3 | JavaScript | Microsoft SQL Server | MongoDB]

- Created interactive features on the university website the automatically updated with the recent events, reducing information search time, and enhancing user experience for student and staff.
- Collaborated with various departmental teams to improve website functionality, resulting in a 30% increase in user satisfaction.
- Seamlessly integrated front-end technologies (HTML5, CSS3, JavaScript) with MongoDB, improving website performance metrics by 50%, including faster page load times and more efficient data retrieval.
- Introduced design enhancement that increased user engagement by ~20%, making the website more attractive and user friendly. - [website](#)

### Silfra Technologies Pvt Ltd, Bangalore, India.

08/ 2020 – 11/ 2021

Full Stack Developer [JavaScript | HTML5 | CSS3 | Java | UI/UX | Agile | CI/CD pipeline]

- Developed and managed a cloud-based application with a focus on performance, scalability, and secure data management.
- Leveraged Web Forms, JavaScript, UI/UX, SQL server, Java to create interactive web application, enhancing user experience and increasing engagement by ~20%.
- Designed application features per client specification using JavaScript validations and web technologies.
- Achieved a ~20% reeducation in loading time through improved registration process and WebView framework; reduced team impact by ~35% with effective design practices and code reusability.

## PROJECTS

### Blogging Website | React.js, Node.js, Express.js, MongoDB, Firebase, AWS

- Developed a modern blog platform with features including a dynamic admin editor, Google authentication, user profiles, blog analytics, interactive comments, notifications, and mobile responsiveness with fade-in animations. - <https://newsupdateworld.netlify.app/>

### Design and Development of a Framework for Human Behavioral Analysis | Python, ML

- Developed a comprehensive framework for real-time human behavioral and safety assessment using python, ML, and sensor data, incorporating the Haar cascade algorithm for face recognition and drowsiness detection to enhance vehicle safety. - [github](#)

### Netflix Clone | JavaScript, React.js, Node.js, Express.js, MongoDB, Tailwind

- Developed a Netflix clone a streaming platform with features including a dynamic movie catalog, user authentication via JWT, search functionality, real-time recommendations, and mobile responsiveness with smooth transitions. - <https://mern-netflix-clone-6nu1.onrender.com/>

## AWARDS AND CERTIFICATIONS

- AWS Cloud Practitioner certification
- Google UX Design Certification