

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, Microsoft SQL Server, Non-Relational (MongoDB).
- Operating Systems:** Windows, Linux
- Back-end:** NodeJS, Firebase, PHP, Express.js.
- Tools:** Visual Studio code, Git, AWS, MS SQL Server, Jira, Jupyter, Google Colab, Adobe Photoshop, Vue.js, Figma, WordPress, MS Office.
- Soft Skills:** Problem-Solving, Adaptability, Communication, Time Management, Team Player.

EXPERIENCE

Rebecca Everlene Trust Company, USA.

04/2023 – 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.

05/2021 – 12/2023

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

- Created interactive features on the university website that 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.

01/ 2021 – 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 and scalability.
- Leveraged Web Forms, JavaScript, UI/UX, SQL server, Java to create interactive web application, enhancing user experience and increasing engagement by ~20%.
- Designed application feature per client specification using JavaScript validations and web technologies.
- Achieved a ~25% reduction in loading time through improved registration processes and WebView framework; reduced team impact by ~40% with efficient design practices and code reusability.

PROJECTS

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

- 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](#)

Online Shopping System | Java, HTML, Webparts, MySQL, PHP

- Developed a comprehensive E-commerce application using Java, HTML5, CSS3, JavaScript, PHP, and MySQL, featuring robust product browsing, selection, checkout, sorting, filtering, secure payment integration and user-friendly interface for an optimal online shopping experience. - [github](#)

AWARDS AND CERTIFICATIONS

- AWS Cloud Practitioner certification
- Google UI Design Certification