

LAHASYA KAKKADDE RAJANNA

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EDUCATION

University of Massachusetts Boston, MA Sep 2022 – Present

Master of Science in Computer Science; GPA: 4.0

- **Coursework:** User Interface Design, Algorithm, Software Engineering, Obj-Oriented Design & Software Development, Database Management, Applied Machine Learning.

Visvesvaraya Technological University, India Sep 2012 – May 2016

Bachelor of Engineering in Electronics and Communications; GPA: 9.23/10

TECHNICAL SKILLS

- **Programming:** JavaScript, TypeScript, Java, Python. **Databases:** MySQL, Oracle
- **Frameworks, Libraries & Web Technologies:** React, Redux, Node.js, HTML, CSS, Enzyme/Jest, Mocha & Chai.
- **Cloud platforms:** AWS (Amplify, EC2, S3). **Soft skills:** Good Collaborator & learner, Effective Communication.
- **Tools & Technologies:** Figma, Adobe XD, Rest API, Git, SonarQube, GitLab CI/CD, Jenkins, Agile Methodologies (JIRA).

WORK EXPERIENCE

Marlabs Innovations Pvt. Ltd Oct 2019 – Mar 2022

Senior Software Engineer, Client: Merck Group

- **Prototyping:** Independently researched and prototyped key project components for seamless alignment.
- **Front-End Development:** Developed responsive UI for web applications using React, Redux, and TypeScript.
- **Testing:** Ensured 90%+ code test coverage and high-quality code through unit testing and SonarQube analysis.
- **Training & Skill development:** Conducted upskilling sessions for the entire team, focusing on teaching React hooks.
- **Leadership:** Demonstrated strong leadership skills by taking charge of project planning, problem solving, and decision-making processes, contributing significantly to the seamless development and on-time delivery of projects.

Infosys Limited May 2016 – Oct 2019

Senior System Engineer

- **Requirement Gathering:** Gathered project requirements by thoroughly understanding the client's needs.
- **UX Design and Interface Development:** Played a pivotal role in the development of user-friendly and visually appealing user interfaces, incorporating complex UX designs.
- **Skill Enhancement:** Up-skilled in React to meet the project's specific demands and requirements.
- **Quality-Focused Delivery:** Utilized diverse technologies and frameworks to ensure the delivery of high-quality user interfaces, guaranteeing seamless data management and efficient user interactions.

PROJECTS

Collaborative Segmentation Software Jan 2023 – May 2023

- In Collaboration with Massachusetts General Hospital implemented a browser-based online annotation tool for 3D medical image volumes that allows annotations to be shared between users. – [\[Project Link\]](#)

CryptoLib Jan 2023 – Mar 2023

- In collaboration with Atsign Company delivered a Library for - RSA, AES, Encryption and Decryption, and Base64 encoding and decoding using JavaScript, NodeJs, Mocha, and Chai for testing. – [\[Project Link\]](#)

Web development projects May 2016 – Mar 2022

- **MYSITE:** Crafted user-friendly ReactJs application for site observation recording with graphical representation using Liquid-design systems, TypeScript, Redux, and CSS.
- **ODK (On Demand Knowledge):** Created an educational platform using ReactJs and TypeScript for assignment management and reusable components. Ensured high-quality code through unit testing and SonarQube analysis.
- **SBV (Sustainable Business Value):** Built a React-based application for computing Sustainable Business Value (SBV) and its correlation with financial performance.
- **MAREA:** Designed and built a responsive ReactJs web app for treatment comparison and report generation, using D3.js, Liquid- design system.
- **CADRE:** Created a comprehensive trip management application with ReactJs, ant-design, HTML, and CSS along with Nodejs backend.
- **Agile Integration Broker:** Contributed to an internal tool for deployment requests and defect tracking using AngularJs and SQL Server, reducing manual deployment tracker time by more than 50%.

LEADERSHIP & TEAMWORK

- Actively engaged with the college community as Event Coordinator for the annual fest, organizing various cultural and technical events. Built an inclusive atmosphere and promoted high participation (2012-2016).
- Recognized with the "Best Performer" award for outstanding work, in 2018.