

# Harshavardhan Reddy Manyam

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## EDUCATION

<b>Texas State University</b> Master of Science in Computer Science	<b>San Marcos, Texas</b> May 2024
<b>Amrita School of Engineering</b> Bachelor of Computer Science	<b>Bengaluru, India</b> May 2019

## TECHNICAL SKILLS

<b>Programming languages</b>	: JavaScript, Typescript, Python, Java
<b>Frameworks</b>	: Angular, NodeJS, React JS, React Hooks, React Router, Redux, React Native, Express JS
<b>Version Control</b>	: Git, GitHub
<b>Databases</b>	: MySQL, MongoDB, PostgreSQL
<b>Operating System</b>	: Windows, Linux
<b>Other</b>	: HTML5, CSS, Bootstrap, Tailwind CSS, Styled Components, GraphQL, Rest API, SQL, ArcGIS

## PROFESSIONAL EXPERIENCE

<b>Texas State University</b> <i>Graduate Assistant</i>	<b>San Marcos, Texas</b> Sept 2023 – Now
<ul style="list-style-type: none"><li>Designed and implemented various UI components and web pages for a small-scale business disaster resilience website, seamlessly integrating ArcGIS maps to visualize and present comprehensive weather conditions data</li><li>Revamped website flows and navigation menus, reducing the frequency of misdirected customer service queries by 30% and increasing traffic to previously neglected pages</li><li>Implemented the Context API to dynamically fetch and display data related to the user's current location, enhancing the user experience with personalized information</li><li>Implemented internationalization using the powerful react-i18next framework, converting all text from English to Spanish</li><li>Utilized markdown files for content creation, ensuring easy and efficient content updates and management</li><li>Applied advanced skills to process diverse RSS feeds from multiple NEWS channels, seamlessly incorporating them into webpages providing users with up-to-date information</li></ul>	
<b>Tata Consultancy Services</b> <i>Software Engineer</i> (Full stack Developer)	<b>Bengaluru, India</b> Aug 2021 – Aug 2022
<ul style="list-style-type: none"><li>Spearheaded the development of reusable components for future use, ensuring efficiency and maintainability, while also defining best code practices and optimizing code standards</li><li>Designed and developed engaging UI components and web pages for the product using ReactJS, actively contributing to deployment, testing, and troubleshooting efforts</li><li>Troubleshooted and resolved bugs while implementing new features, ensuring optimal performance and functionality, and reviewing other developer's code to maintain high-quality standards</li><li>Led the implementation of a Restful web service API using Node.js with Express, enhancing backend capabilities, and regularly interacting with RESTful API endpoints to dynamically populate the user interface of the application</li></ul>	
<b>Tata Consultancy Services</b> <i>Associate Software Engineer</i> (Front end Developer)	<b>Bengaluru, India</b> July 2019 - Aug 2021
<ul style="list-style-type: none"><li>Implemented front-end development strategies, driving a 15% increase in website performance through optimization techniques including code minification, and adeptly troubleshooted issues leveraging browser developer tools</li><li>Developed an engaging dashboard for Customer Relationship Management (CRM), presenting analytical insights through interactive charts and tables</li><li>Implemented filterable tables using Elasticsearch, enhancing user efficiency in navigating through thousands of data points, resulting in a 40% increase in data accessibility and user satisfaction</li><li>Utilized Redux for state management, resulting in a 25% reduction in code complexity and a 15% increase in team productivity</li><li>Developed secure and efficient APIs for authentication and data visualization using NodeJS, contributing to robust server-side functionalities</li></ul>	
<b>Yobny Tech Solutions</b> <i>Internship – Front End Developer</i>	<b>Bengaluru, India</b> Feb 2019 – July 2019
<ul style="list-style-type: none"><li>Developed wireframes into a responsive website UI using HTML, CSS, and JavaScript that reduced overall page load speed by 15%</li><li>Integrated RESTful APIs into the front-end using React JS, enabling data flow and functionality</li><li>Extensively used Git for version controlling and regularly pushed the code to GitHub</li><li>Helped seniors in debugging their JavaScript code to improve website performance and user experience</li></ul>	

## PROJECTS

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- **E-commerce store:** It is an e-commerce Store where people can add items to the cart and checkout with payment gateway
- **Mobile application:** Developed of a feature-rich restaurant finder app with seamless checkout, secure payment processing, and intuitive UI using React Native, Firebase, Stripe API, and Google Maps API
- **Database project:** Designed and developed a database model for connecting customer and local vendors with CRUD functionalities using ReactJS for frontend and PostgreSQL and NodeJS for backend