

EDUCATION

MS, Business Analytics, University at Buffalo, The State University of New York, Buffalo, NY

July 2023 - June 2024

BE, Information and Technology, SRM Institute of Science and Technology, Chennai, India

July 2017 - June 2021

TECHNICAL SKILLS

Web Development: HTML5, CSS, JavaScript, React Js, Angular, TypeScript, Next JS, Node JS, Redux, JSON, PHP, NPM, XHTML, Webpack, Vite, Babel, Figma, JQuery, Material UI, Bootstrap, Rest API, Graph QL, Drupal

Databases: Oracle, MS SQL, SQLite, PostgreSQL

Cloud: AWS(S3, DynamoDB), Docker, Kubernetes, Azure DevOps, Google Cloud Platform(GCP)

Languages & Other: Python, React Native, Power BI, Tableau, Google Analytics, Google Tag Manager, WordPress, FullStory, MS Office(Excel), SharePoint, Visual Studio, Jupyter, Jira, Git, Postman

PROFESSIONAL EXPERIENCE

Frontend Engineer, Community Dreams, Boston, MA

June 2024 - Present

- Design and development of a clean energy website using Figma for UI/UX, React.js for the frontend, and Microsoft SQL Server for database, transforming rough designs into functional web pages
- Created a library of reusable components, reducing development time by 40% and enhancing consistency across the projects using React-Redux, TypeScript, and Angular
- Ensured 100% WCAG accessibility compliance by incorporating ARIA roles, color contrast validation, and keyboard navigability checks into component development, enhancing accessibility for all users

Associate Software Engineer, Ernst & Young (EY) Global, Pune, India

November 2021 - June 2023

- Developed and maintained PAANS, a Consent Management app using React.js, and Node.js, allowing EY application teams to integrate privacy policy, and various policies to comply with GDPR regulations
- Streamlined user experience with Auth0 Single Sign On and JWT, reducing login time by 15 seconds
- Enhanced application performance through lazy loading, code splitting, and service workers, achieving a Lighthouse performance score of 90+ across all pages
- Integrated GoLang RESTful APIs, enabling seamless data exchange, enhancing efficiency and response time
- Revamped user access with Azure Active Directory (AAD) for secure authentication and manage user access, while automating the CI/CD pipeline with Azure DevOps to reduce deployment time by 50%
- Engaged stakeholders across various projects using Agile methodology to contribute to architecture discussions, scrum calls, sprint planning, code reviews, and supporting UAT production deployments

Key Accomplishments:

Received "SPOT Award" for fixing 90% of security vulnerabilities in the PAANS application, significantly enhancing security and stability, leading to certification from Checkmarx and WhiteSource

Junior Software Engineer, AGSDO Pvt Ltd, Kurnool, India

April 2020 - October 2021

- Collaborated with a team of 5 in a startup environment to contribute across the full spectrum of product development, employing a structured Software Development Life Cycle (SDLC) approach and Agile methodologies
- Developed a full-stack application, utilizing PostgreSQL for data storage and integrated with a React frontend for a seamless user experience
- Optimized SEO performance, leading to a 30% increase in search engine visibility and a 25% rise in user engagement through structured data implementation and page speed enhancements
- Resolved cross-browser compatibility issues, resulting in consistent performance and user interface rendering, reducing user-reported issues from 50 to 5 per month
- Enforced Test-Driven Development (TDD) practices with unit & integration tests, using Jest and React Testing Library (RTL) reducing overall bugs by 20%
- Improved infrastructure scalability with AWS services (DynamoDB, EC2), Docker, and Kubernetes, and streamlined CI/CD pipelines with Jenkins and Git, cutting average deployment times by 70%

PROJECTS

BookMart - Golang | ReactJS | AWS - DynamoDB, S3 | Tailwind CSS

- Implemented a full-stack web application designed as a digital marketplace for new and used books. Utilizing a React front-end and Go-powered RESTful API, the platform is backed by AWS DynamoDB and S3 for data storage and image hosting. Hosted on AWS EC2, it achieves response times within 50ms and robust security with JWT authentication, efficiently handling 1200 active users and managing over 10000 books

Wordle Clone [Git] - ReactJS | NodeJS | SCSS

- Developed a Wordle clone app using React.js, which replicates the popular word guessing game. Achieved 15% improvement in user engagement through responsive design implementation

CERTIFICATIONS

- **Microsoft Certifications:** Azure Fundamentals (**AZ-900**), Azure Data Fundamentals (**DP-900**), Azure AI Fundamentals (**AI-900**), Power Platform Fundamentals (**PL-900**), Azure Administrator (**AZ-104**)
- **Coursera:** Building web applications in PHP, Python Programming for Everybody ([Link](#))