Tejass Vishwanath

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Summary

Experienced Web Developer with 7 years of expertise in creating captivating and responsive user interfaces. Proficient in translating design concepts into clean and easier web experiences for end-users using the latest technologies and frameworks. Committed to optimizing performance and user interactions for impactful improvements of products. Driven by a curiosity to improve, explore and collaborate with people to achieve breakthroughs in development.

Education

Illinois Institute of Technology, Chicago, IL   **Aug 2022 - May 2024**
Masters of Science in Computer Science
Relevant Courses: ML, AI, NLP, Software Project Management, Software System Architecture

JSS Academy of Technical Education, Bangalore, India   **Jul 2011 - Jun 2015**
Bachelor of Engineering in Computer Science
Relevant Courses: OS, DBMS, Design and Analysis of Algorithms, Theory of Computation

Technical Skills

Frameworks & Web Technologies:	ReactJS ,NodeJS, VueJS, Angular ,Redux, TailWind, TypeScript, JavaScript, jQuery, Bootstrap, GraphQL, Gulp, Jest, Responsive Web Development, D3, Canvas, Phaser.
Programming Languages:	Python, Java, C#, C, C++
Project Management Tools & Cloud:	JIRA, Confluence, Git, Kanban, Microsoft Project, FreshDesk, Amazon Web Services (AWS), Azure
Databases:	SQL, HIVE, MongoDB, Oracle, SparkSQL, NOSQL
Methodology & Others	Agile,Web Accessibility, AEM(Frontend), SEO, Docker, DevOps, Jenkins, GitHub, Google Analytics.

Projects

1. Created a Credit Card Fraud Detection Model using Kaggle Datasets. Performed data preparation techniques like UnderSampling, Oversampling and SMOTE to handle imbalanced datasets. In addition performed Feature Engineering techniques like Random Feature Elimination and Boruta Algorithm, to capture all the important features within the dataset.
2. Worked on using scikit-learn to classify clickbait headlines. It covers data processing, baseline evaluation, training classifiers, tuning parameters, model selection, and clickbait detection. The aim is to understand machine learning tools, create effective classifiers, and analyze clickbait identification without requiring top performance compared to peers.
3. Developed and maintained the Return Done website, employing React for frontend and C# for backend development. Implemented Azure for continuous integration and deployment, showcasing expertise in deployment strategies and infrastructure management.

RELEVANT EXPERIENCE

Senior Software Engineer   **Dec 2021- Aug 2022**
Freshworks   Bangalore, India
- Led frontend development efforts as the Lead Frontend Developer, focusing on designing effective design patterns for web components.
- Leveraged ReactJS and GraphQL, resulting in an up to 30% reduction in page load times and a 15% increase in user engagement for SaaS based products.
- Thrived in an Agile development environment, collaborating seamlessly with designers, product managers, and stakeholders to ensure the delivery of high-quality products.
- Demonstrated expertise in utilizing testing and debugging tools including Jest, Cypress, and React Testing Library.

Experience Developer Frontend   **Sept 2018- Dec 2021**
ICF Next   Bangalore, India
- Served as Lead Frontend Developer with responsibilities encompassing management and development of the AsianPaints website using AEM as the CMS platform.

- Spearheaded the development of the Tally Loyalty Product, employing Angular, NodeJS, and SQL technologies.
- Played a vital role in maintaining Accessibility, enhancing SEO and optimizing Web Performance, which resulted in reduced page load times by 25% and boosted organic traffic by close to 20%.
- Utilized Handlebars and Fractals to craft and exhibit reusable components, presenting them effectively to stakeholders.
- Designed and built a variety of reusable components utilizing HTML, SCSS, Angular, Vue, and Javascript. These components found application across diverse projects, bolstering the AEM development framework.

Programmer Analyst   **Jan 2016- Sept 2018**
Cognizant Technology Solutions   Bangalore, India
- Solely designed and developed an internal employee and banking application using Angular and Charts.js, showcasing self-reliance and technical proficiency.
- Improved and expanded websites in alignment with W3C and WCAG standards, utilizing HTML, JS, and Angular.
- Consistently delivered projects which had a rating of 8 and above for accessibility provided by Level Access (SSB Bart).
- Actively contributed to knowledge sharing within the team, imparting insights and educating them on WCAG standards.
- Assumed the role of Lead Accessibility developer across various projects within the company.
- Chosen for the task of crafting a Proof of Concept (PoC) for the client TITAN, showcasing expertise in development.

AWARDS/HONORS
- Graduate Teaching Assistant for the subject Introduction to Artificial Intelligence. Illinois Tech – Fall'23
- Recipient of Silver,Copper,Bronze, Award for contributing to project AsianPaints, UHC and Tally in ICF Next – 20 & 21.
- Awarded "Certificate of Excellence" , Rising Star and YEA Rating as "Exceeds all Expectation" for the contribution to project work in Cognizant Technology Solutions - 2017.