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 user-friendly web experiences using the latest technologies and frameworks. Committed to optimizing performance and user interactions for impactful product improvements. Driven by a curiosity to improve, explore, and collaborate with people to achieve breakthroughs in development. Skilled in software development, programming languages, coding, web development, algorithm design, debugging, software testing, database management, agile methodology, project management, object-oriented programming, version control, front-end development, back-end development, API development, mobile development, cloud computing, machine learning, artificial intelligence, and data analysis.

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

- Orchestrated frontend development initiatives as the Lead Frontend Developer, architecting effective design patterns for web components while implementing software development methodologies and Agile practices.
- Applied ReactJS and GraphQL proficiently, yielding a remarkable up to 30% reduction in page load times and amplifying user engagement by 15% for SaaS based products.
- Collaborated seamlessly within Agile frameworks, interfacing with cross-functional teams including designers, product managers, and stakeholders to deliver high-quality products in line with project management and Agile methodology.
- Demonstrated prowess in leveraging testing and debugging tools such as Jest, Cypress, and React Testing Library to ensure robust software testing, debugging, and software testing protocols.

Experience Developer Frontend   **Sept 2018- Dec 2021**
ICF Next   Bangalore, India
- Spearheaded the development of the AsianPaints website using AEM as the CMS platform, showcasing adeptness in web development, SEO, and accessibility optimization, resulting in a noteworthy 25% reduction in page load times and a 20% boost in organic traffic.
- Led the development of the Tally Loyalty Product, harnessing Angular, NodeJS, and SQL technologies, aligning with database management, back-end development, and API development.
- Crafted reusable components employing HTML, SCSS, Angular, Vue, and JavaScript, epitomizing expertise in front-end and back-end development for versatile applications.
- Championed web accessibility standards and SEO practices, ensuring compliance with industry standards and employing innovative strategies for continuous improvement.

Programmer Analyst   **Jan 2016- Sept 2018**
Cognizant Technology Solutions   Bangalore, India
- Independently conceptualized and developed an internal employee and banking application, showcasing adeptness in programming languages, software development, and database management.
- Elevated website performance adhering to W3C and WCAG standards, consistently delivering projects with exceptional accessibility ratings, reflecting meticulous attention to detail and proficiency in web development and software testing.
- Consistently delivered projects which had a rating of 8 and above for accessibility provided by Level Access (SSB Bart).
- Assumed a leadership role as Lead Accessibility Developer, facilitating knowledge sharing and serving as a subject matter expert in web accessibility and innovation in software development methodologies.

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.