

Vaishnavi Pusapati

Memphis, Tennessee | 9015499768 | vaishnavipusapati1995@gmail.com

Summary

Proactive Front-End Web Developer with demonstrated expertise in modern web development technologies including HTML5, CSS3, JavaScript, Angular, React, and TypeScript. Proven track record of enhancing user interactions by 30%, boosting data retrieval rates by 25%, and increasing project efficiency by 20%. Committed to advancing web functionality and user experience. Actively engages with the latest industry trends to deliver cutting-edge solutions in dynamic environments.

Technical Skills

- **Web Technologies:** HTML5, CSS3, JavaScript, jQuery, JSON, Angular, React JS, TypeScript, PHP, ECMAScript 6 (ES6+).
 - **CSS Frameworks:** Bootstrap, Tailwind CSS, Less.
 - **Version Control:** Git, GitLab.
 - **Prototyping Tools:** Sketch, Figma.
 - **Testing Tools:** Jasmine, Karma.
 - **IDE:** Visual Studio Code, Sublime, WebStorm.
 - **Development Methodologies:** Agile, Scrum.
 - **Database Management:** MySQL, SQL Server, PostgreSQL.
 - **Backend Technologies:** Java, Python.
 - **Operating Systems:** Linux, Windows.
 - **Content Management System (CMS):** WordPress, Shopify.
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Professional Experience

Software Developer

Oct 2023 – Present

Symphony Solutions | Atlanta, Georgia

- Optimized web API interactions, reducing server response times by 25% and error rates by 50%.
- Increased user satisfaction by 20% and conversion rates by 10% through A/B testing and React Router integration.
- Reduced development time by 30% by streamlining user interface layouts and prototypes using jQuery, ReactJS, and advanced Angular.
- Improved development speed by 30% through technical design discussions and team collaboration.

Software Engineer

Jan 2023 – Sep 2023

Data Flake LLC | Irving, Texas

- Engineered single-page applications using AngularJS and Sass, cutting page load times by 35% and integrating SVN and JIRA to decrease bug resolution conflicts by 20%.
- Implemented customer-first strategies, increasing user satisfaction by 20% and boosting conversion rates by 10% through targeted feature enhancements.
- Augmented scalability by 30% by transitioning architectures from monolithic to microservices.
- Stayed ahead of technology trends by adopting Angular 14 to create progressive web applications.

Graduate Research Assistant

Sep 2021 – Dec 2022

University of Memphis | Memphis, Tennessee

- Reduced usability issues by 90% and increased organic traffic by 90% through extensive user research, debugging, troubleshooting, testing, and SEO optimization.
- Boosted website interactivity by 40% through strategic use of HTML5, CSS3, JavaScript, and Google Workspace.

- Achieved 98% positive feedback on project insights presented to university administrators via comprehensive Google Analytics reports.
- Enriched user engagement by 35% and reduced bounce rates by 25% within six months by designing and integrating custom WordPress themes with advanced plugins.

Web Developer

Aug 2016 – Dec 2020

Suvidha Software Solutions Pvt Ltd | Hyderabad, India

- Streamlined code generation using Angular CLI, reduced setup time by 40%, and integrated design concepts into responsive web pages.
- Customized innovative web solutions in a highly competitive market by effectively tailoring the latest Angular 12 features.
- Implemented MVC architecture and microservices using npm, enhancing modularity and reducing code coupling by 20%.
- Demonstrated proficiency in both front-end and back-end technologies, augmenting collaborative efforts and increasing project completion efficiency by 15%.
- Developed secure REST services using Angular and Node.js, integrating with Hardware Security Modules (HSM) for a 30% decrease in data breaches.
- Optimized business processes and data efficiency for B2B applications by combining TypeScript with JavaScript, creating scalable and robust solutions.
- Applied performance optimizations in line with Core Web Vitals standards, achieving a 25% increase in web page speed.
- Elevated application performance and user experience by integrating Angular 7 features; upgraded code maintainability with Angular 8, leading to superior web applications.
- Enhanced user experience and performance of React applications on an e-commerce website by 30%, leveraging ReactJS and ensuring code reliability through unit testing.
- Boosted web application responsiveness by 50% by converting Bootstrap pages and integrating RxJS and Ngx-Bootstrap.
- Enforced Redux for state management in React applications, optimizing state handling and improving performance by 20%.
- Reduced load times by 30% using Webpack, to support collaborative full-stack development.
- Deployed applications on AWS and used Jenkins for continuous integration and deployment (CI/CD), reducing deployment times by 40% and improving build reliability by 25%.
- Fostered Agile/Scrum collaboration, increasing project success rate by 20%, and authored technical documentation improving efficiency by 15%.

Internship

Jan 2016 – Apr 2016

Non-Profit Organization | Guntur, India

- Boosted website performance by 15% and reduced loading times by 25% through refined DOM manipulation techniques using HTML, CSS, JavaScript, PHP, Bootstrap, and jQuery.
- Migrated web applications from Angular 2 to Angular 4, enhancing performance and maintenance.
- Led social network analysis, resulting in a 15% increase in donations and a 20% rise in collaboration opportunities.

Certifications

[Certified JavaScript Developer.](#)

[Certified HTML5 Developer.](#)

[Certified Angular Developer.](#)

[Certified React.js Developer.](#)

Education

Master of Science in Management Information Systems

University of Memphis, Memphis, Tennessee.

Bachelor of Technology in Electronics and Communication Engineering

KKR & KSR Institute of Technology and Sciences, Guntur, India.