

Avinash Reddy

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Skills

Languages: JavaScript(Es6), HTML5, Python, CSS3, TypeScript, jQuery,

Technologies & Tools: MongoDB, NodeJs, ExpressJs, ReactJS, tailwindcss, Redux.js, Redis, SQL, Bootstrap, Material-UI, Three.js, JWT, Nextjs, Django, Flask, Google Firebase(Including RealTime Database), SASS, Restful Api's, Git, GitHub, PostgreSQL, AWS, Azure.

Work Experience

Lumen Technologies, Bangalore

Jul 2022 - Jun 2023

Web Developer

- Developed responsive and dynamic Rich Internet Applications (RIA) using HTML5, CSS3, JavaScript, jQuery, AJAX, JSON, Bootstrap, React, Redux, TypeScript, and Node.js, following best practices in software design and agile development.
- Collaborated with Business Analysts, Product, Design, and other teams to understand technical requirements, prepare use cases, and design user-centered features.
- Built Single Page Applications (SPA) with ReactJS and React Native, implementing scalable design patterns and ensuring cross-browser compatibility.
- Managed Node.js web service calls (POST, PUT, DELETE, GET) and asynchronous programming, supporting real-time user interactions and integration with MongoDB.
- Designed WebSocket server in Node.js for real-time communication and developed RESTful APIs to improve data exchange between client and server.
- Created UI/UX designs using Figma, Adobe XD, and Sketch, focusing on user experience and product design principles.
- Addressed cross-browser compatibility issues and used Jira for agile ticket management, improving collaboration and workflow.
- Version control management using GIT, handling pull requests and code merging across instances.
- **Stack:** HTML5, CSS3, JavaScript, React, Redux, Node.js, Express.js, MongoDB, Figma, Adobe XD, WebSockets, GIT, Agile, Jira, AWS, CI/CD pipeline, Jenkins, Terraform, Spinnaker .

Cognizant, Chennai

Jan 2012 - May 2022

Software Development Engineer

- Developed web applications using React, Redux, Angular, and Ant Design, creating attractive platforms and increasing user engagement by 30%.
- Implemented TypeScript for improved code reliability and maintainability, reducing debugging time by 25%.
- Built responsive and interactive user interfaces using Bootstrap, SASS, and Angular, ensuring seamless real-time messaging and optimal viewing across devices.
- Leveraged Next.js, GraphQL, and Tailwind CSS to build resilient, visually captivating applications, improving user interactions by 45%.
- Integrated Stripe and Ecommpay for payment services, optimizing session flows and boosting monthly revenue by 45%.
- Developed a chat feature using Twilio, resulting in a 40% increase in user interactions, and enhanced Agora's video call functionality, boosting user engagement by 55%.
- Implemented Auth0 for sign-up and login flows, transitioning to an in-house backend solution, reducing authentication issues by 40%.
- Utilized AWS S3 for application scalability, data storage, and deployment, enhancing performance and reliability.
- Tested and debugged applications across multiple browsers to ensure consistent user experience and adherence to web standards.
- Actively participated in agile processes, contributing feedback and ideas for ongoing projects, while maintaining detailed documentation and using Git for version control.
- **Tech Stack:** React, Redux, Angular, Next.js, TypeScript, JavaScript, GraphQL, Tailwind CSS, Ant Design, Twilio, Agora, Stripe, Ecommpay, Auth0, AWS S3, Bootstrap, SASS, Git. .

Frontend Developer

- Created visually appealing web app user interfaces using React, Redux, and SASS/SCSS, resulting in a seamless and user-friendly experience.
- Leveraged TypeScript to ensure type safety and improve error handling, decreasing debugging time by 35%.
- Implemented features like booking consultations and coupon integration, leading to a 30% increase in user conversion rates.
- Built responsive web pages using HTML, CSS, JavaScript, and jQuery, improving mobile usability by 40%.
- Adhered to accessibility standards, including Aria tags, WCAG guidelines, and W3C standards, ensuring an inclusive and user-friendly experience.
- Collaborated with the Web Development Team, reducing cross-team communication issues by 40% and improving project efficiency by 25%.
- **Tech Stack:** React, Redux, TypeScript, SASS/SCSS, HTML, CSS, JavaScript, jQuery.

Education

Fitchburg State University

Sep 2023 - Present

Master's in Computer Science

CGPA: 3.8/4

Relevant Coursework: Object Oriented Programming, Databases, Data Structures and Algorithms, Advance Data Structures and Algorithms

Project Work

- **EatExpress (Aug 2023 - present):** Developed EatExpress, a multi-vendor restaurant platform that allows vendors to register and manage up to 10 restaurants. The backend was built using Node.js, Express.js, MongoDB, and Mongoose for efficient data management and testing. Designed a responsive frontend with React and Material-UI, providing customers with a seamless experience to browse menus, select dishes, and add them to their cart.
- **CoinWatch (Jun 2023 - Aug 2023):** Developed CoinWatch, a Chrome extension for tracking cryptocurrency prices and managing favorite coins. Utilized React and JavaScript for the frontend, implementing user authentication for personalized experiences. Integrated Firebase and Firestore for real-time data retrieval and historical data visualization. Employed ApexCharts for dynamic charting, enabling users to monitor cryptocurrency trends effectively
- **SwiftCart (Apr 2023 - jun 2023):** Developed an e-commerce platform, SwiftCart, using HTML, CSS, and JavaScript to create a dynamic and responsive user interface. Implemented features such as product display through API integration, category-based filtering, and search functionality to enhance user experience. Focused on maintaining an organized project structure without backend technologies