Avinash Reddy

✉ avinashreddy1315@gmail.com | ▪ 913-207-9939

⌗ github.com/avinashreddy1315 | in linkedin.com/in/avinash1315 | 💼 avinash-reddy-portfolio.vercel.app

Skills

Languages: JavaScript, ES6, HTML5, Python, CSS3, TypeScript, jQuery,

Technologies & Tools: MongoDB, NodeJs, ExpressJs, ReactJS, Angular, tailwindcss, Redux.js, Redis, React Native SQL, MySQL Bootstrap, Material-UI, Three.js, JWT, Nextjs, Django, Flask, Google Firebase(Including RealTime Database), SASS, MVC, Rest API, SOAP, Git, GitHub, PostgreSQL, AWS, Microsoft Azure, DevOps, Figma, Kubernetes, WebSockets Docker .

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 cross-functional 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 within a fintech environment, 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, OAuth2, AWS S3, Bootstrap, SASS, Git, Jest. .

BRAINOVISION SOLUTIONS INDIA PVT.LTD, Hyderabad Jan 2020 - Dec 2021

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, web architecture, mobile development

Project Work

- **EatExpress (Aug 2023 - Present):**
  - Developed a multi-vendor restaurant platform allowing vendors to register and manage up to 10 restaurants.
  - Built the backend using Node.js, Express.js, MongoDB, and Mongoose for efficient data management and testing.
  - Designed a responsive frontend with React and Material-UI for a seamless user experience to browse menus, select dishes, and add items to their cart.
- **CoinWatch (Jun 2023 - Aug 2023):**
  - Developed a Chrome extension for tracking crypto currency prices and managing favorite coins.
  - Utilized React and JavaScript for the frontend and implemented user authentication for personalized experiences.
  - Integrated Firebase and Firestore for real-time data retrieval and historical data visualization.
  - Employed ApexCharts for dynamic charting to enable users to monitor **crypto**currency trends effectively.

- **SwiftCart (Apr 2023 - Jun 2023):**
  - Developed an e-commerce platform using HTML, CSS, and JavaScript for 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 utilizing backend technologies.