

Jack Miller

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Sr. Frontend Developer

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SUMMARY

As a Senior Full-Stack Developer with 8+ years of experience, I have a deep understanding of the latest web technologies and a passion for creating exceptional user experiences. I have extensive experience in designing and implementing user-friendly websites and web applications, using technologies such as HTML, CSS, React, Laravel, Shopify and Angular. I am skilled in creating high-quality, responsive designs that are optimized for both desktop and mobile devices.

In addition to my technical skills, I have a proven track record of leading teams, collaborating with cross-functional teams, and managing multiple projects simultaneously. I am a problem-solver by nature and have a strong ability to effectively communicate technical concepts to non-technical stakeholders. I have a keen eye for detail, and I am dedicated to ensuring that every aspect of my work is of the highest quality. I am confident in my ability to bring a positive impact to any organization and drive projects forward towards successful completion.

SKILLS

- React.js, Vue.js, Angular.js, Next.js, Typescript
- Shopify, Laravel, Django, CI, Wordpress,e-commerce
- Functional Programming, Object Oriented Programming
- iOS, tvOS, macOS | Swift, Objective-C, SwiftUI
- Android | Java, Kotlin
- React Native, Flutter, Ionic hybrid mobile app
- React, Redux, Vue, Jest, CSS/SCSS, Sass, HTML/HTML5, C++, JSON
- Node, Express,AWS,Firebase, Nest, Rest APIs, GraphQL, MySQL, PostgreSQL, MongoDB, server-side rendering
- CI/CD, Unit Test, Problem Solving, Software testing, Architecture, Code review
- Agile methodologies (Scrum, Kanban, AzureDevOps, Jira)
- SEO, Github,Gitlab
- Communication Skill

Work Experience

Senior Web developer | Andela in Austin (04/2022 – Present)

US

- As a senior developer, I have built smart and functional web and mobile applications at Andela company in Austin.
- Working with Scrum project management approach – participated in Sprint planning, daily stand-up meeting, and review.
 - Worked on MERN (Mongo, Express, React.JS, Node.JS)-based applications
 - Participating in identifying tasks (timeline, assign tasks) from user stories in sprint plan as a senior developer of team.
 - Previous experience working with various Software Development Life Cycle (SDLC) methodologies.
 - Highly proficient in executing frontend and core backend development duties such as third-party API integration, website maintenance, REST API development, and so on, using a diverse set of technologies from a variety of frameworks, software, operating systems, and programming languages.
 - Good understanding of overall web design including basic usability, accessibility, industry standards, architecture, routing and navigation.
 - Used AWS(DynamoDB) as a database for Querying to create, delete, and retrieve the data.
 - Used Bitbucket, GitHub for source code management.
 - Created a full-stack restaurant recommendation engine with Python/Django, PHP/Laravel as the backend language and databases MySQL and MongoDB.
 - Designed an optimized state management architecture based on the project's logic, utilizing Redux, Redux-saga, and Redux-thunk.
 - Tested multiple versions of apps before deployment using automated testing tools such as Selenium WebDriver and Jest; decreased bug resolution time from 24 hours to 15 hours per release cycle on average.
 - Performed unit and load testing and improved the system’s stability and scalability by 30% by identifying critical performance issues.
 - Implemented various security measures such as authentication, authorization, and encryption to protect sensitive data.

- Implemented a CI/CD pipeline using Docker and Kubernetes, resulting in a reduction in deployment time and errors.
- Reviewed code, debugged problems, and corrected mobile applications and software issues with complete accuracy to maximize applications' efficiency, data quality, scope, operability, and flexibility.
- Solved complex technical problems, mentored junior developers, and conducted code reviews to ensure adherence to high-quality code standards.

Mobile developer / Salesforce in Austin (07/2019 – 03/2022)	
As a main developer, I have built smart and functional mobile app development at DropBox company in Austin.	
<ul style="list-style-type: none">• Developing the React Native codebase for iOS and Android platforms. Introducing new features while maintaining existing People Search and Family Connection APIs. Transitioning the existing web application features to React Native for use on mobile.• Mobile Development with Flutter, Android and Swift for native and cross-platform application Designing, Developing, Implementation and troubleshooting of applications.• Debugged, tested and troubleshoot React Native applications with 100% accuracy, increasing application stability by 15%.• Resourcefully identified potential coding issues in React Native projects utilizing error-checking techniques and debugging tools; reduced project downtime by 20%.• Represented company at international conferences to demonstrate expertise in developing React Native applications for iOS/Android platforms as well as showcase best practices for app development strategies; improved customer satisfaction ratings from 75% – 95%.• Worked on data applications in Linux, Windows, and Mac OS platforms.• Developed hybrid mobile platform for automotive applications using javascript and typescript with React Native, resulting in 88% code share between iOS and Android while reducing development time by 33%.• Changed Redux actions to Promises, and Lifecycle Methods to asynchronous functions using ES7 async await to better manage ReactJS level state and cut Redux container development time by 80%.• Increased statement and branch coverage to 56% and 51% respectively by writing jest and Enzyme tests.• Lead team in adoption of React-Native best practices.• Tested multiple versions of apps before deployment using automated testing tools such as Selenium WebDriver and Jest; decreased bug resolution time from 24 hours to 15 hours per release cycle on average.• Developed and positioned JSX elements within Flexbox to create high quality, attractive, front-end user interfaces.• Used CodePush to deliver over the air updates as needed when new features were released or upgraded.	

Web designer / DropBox in Austin (04/2016 – 06/2019)	US
As a main developer, I have built visually appealing user interface of web projects at DropBox company in Austin.	
<ul style="list-style-type: none">• Involved in various phases of Software Development Life Cycle (SDLC) of the application like Requirement gathering, Design, Analysis and Code development• Using php framework such as Laravel, Codegniter built various management system and ecommerce website.• Involved in designing and implementing Web2.0 Rich UI for the Self-service Application using jQuery Ajax framework and Widget based JavaScript programmed model.• Involved in developing UI pages using HTML5, XML, D HTML, XSL/XSLT, XHTML, DOM, CSS3, JSON, JavaScript, jQuery, Ajax.• Developed UI using Shopify, HTML5, CSS3, Ext JS, Bootstrap, jQuery, and JSP for interactive cross browser functionality and complex user interface.• Used JavaScript DOM manipulation and JavaScript event to generate the data result in UI.• Designed Frontend within object-oriented JavaScript Framework like bootstrap, Require.js, Backbone.js and Ext.js.• Created database schema and number of database objects like tables, views, stored procedures, user defined functions using SQL Server management studio.• Used Firebug, Firebug Lite, and IE Developer Toolbar, for debugging and browser compatibility.• Used AJAX for implementing dynamic Web Pages where the content was fetched via API calls andupdated the DOM (JSON Parsing).• Worked with the team of architects and back-end Developers to gather requirements and enhance the application functionality and add new features.• Used jQuery to traverse through a DOM tree and manipulated the nodes in the tree. Implemented the Drag and Drop functionality using jQuery framework.• Performed database design and implementation using SQL Server and data modeling tools.	

Education

Bachelor’s Degree, Computer Science | Texas Tech University | 2012 - 2015