

Victor Abraham

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Professional Summary

Results-driven Software Engineer with expertise in building scalable, high-performance web applications using modern frameworks like React, Angular, and Next.js. Proficient in API integration, testing, and accessibility compliance, with a proven track record of delivering robust solutions in fast-paced Agile environments.

Core Frontend Expertise

- Languages & Frameworks: JavaScript (ES6+), TypeScript, React (Hooks), Angular, Next.js
- State Management: Redux, Context API, NgRx
- Styling: CSS/SCSS/SASS, Tailwind CSS, Responsive Design, Accessibility (WCAG Compliance, ARIA Roles)

API Integration And Testing

- Data Handling: REST API, GraphQL (Apollo Client), Server-Side Rendering (SSR), Static Site Generation (SSG)
- Backend Knowledge: Node.js, Express.js, MongoDB
- Testing Tools: Jest, Cypress (Unit, Integration, E2E Testing), Lighthouse (Performance/Accessibility)

Development And Deployment Tools

- Version Control: Git, GitHub
- Build & Deployment: Webpack, CI/CD Pipelines (GitHub Actions), Vercel (Next.js Deployment)
- Collaboration: Storybook, JIRA, Agile Methodologies

Experience

Software Engineer September 2023 - July 2024

Charter Communications - Contract, Denver, CO

- Developed and maintained high-performance web applications using Angular and TypeScript, ensuring scalability and responsiveness.
- Optimized data-fetching processes by implementing GraphQL with Apollo for streamlined state management.
- Authored comprehensive unit, E2E, and functional tests, increasing code coverage and reliability.
- Led the development of a key feature by creating a detailed plan and delivering a Level of Effort (LOE) analysis to stakeholders.
- Collaborated with cross-functional teams to gather requirements, define project scope, and meet deadlines.

Senior Software Engineer October 2022 - April 2023

Charter Communications, Denver, CO

- Spearheaded a migration project, transitioning from Angular + REST to React + GraphQL, improving performance and developer efficiency.
- Drafted detailed software requirements and refined JIRA tickets in collaboration with product owners and QA teams.

- Automated builds, test, and deployments for app, using AWS CodePipeline & CodeBuild
- Delivered MVP features for a weather and news streaming app on Samsung Tizen, meeting tight business deadlines.
- Refactored an internal pricing tool to achieve WCAG accessibility standards, enabling compliance with modern screen-reading technologies.
- Thrived in a fast-paced Agile environment, delivering critical updates amidst shifting priorities.

Software Engineer

August 2021 - October 2022

Charter Communications - Contract, Denver, Colorado

- Partnered with UX designers to create and iterate on user interfaces using React, Angular, SCSS, and GraphQL APIs.
- Documented and refined internal best practices through StorybookJS and internal knowledge-sharing sites.
- Enhanced application functionality through rigorous functional and integration testing using Jest.
- Contributed to Angular-to-React UI migrations, streamlining the API transition to a GraphQL environment for improved performance and maintainability.
- Utilized AWS CloudWatch to set up logs and metrics for monitoring app performance

Software Developer

February 2021 - July 2021

Outer Reach - Contract, Denver, CO

- Designed and implemented a React + TypeScript Yoga live-streaming platform with a Node.js backend, delivering seamless user interactions.
- Collaborated with designers to enhance UI/UX, integrating new features and addressing bugs within tight deadlines.
- Built and deployed HTML email campaigns via SendGrid, increasing user engagement by over 10%.

Frontend Developer

September 2020 - February 2021

Legal Thunder, Denver, CO

- Developed legal calculation tools in React, enabling a user-friendly interface for accurate computations.
- Maintained and optimized APIs for user management and payments using Ruby on Rails and Stripe, reducing downtime by 20%.
- Delivered high-quality features within 95% of sprints, consistently meeting business objectives.

Coding Instructor

January 2020 - October 2020

CodeWizards HQ, Denver, CO

- Instructed K-12 students in coding fundamentals and advanced topics, achieving a 97% satisfaction rate.
- Led interactive sessions on HTML, CSS, JavaScript, Python, and SQL, fostering student engagement and skill development.
- Designed and implemented coding projects to teach best practices in syntax and architecture.

Developer

December 2019 - January 2021

UpWork

- Build clients' web sites and web applications to specification, primarily in MERN stack or similar.
- Contracts range from week-long projects to ongoing 6-month projects.
- Strong emphasis placed on communication with clients and meeting their desired milestones at scheduled dates.

Education

Frontend Engineering Program - Turing School of Software & Design, Denver, CO

2019

Additional Technology And Tools

- StorybookJS
- Tailwind CSS
- Chart.js
- Redux
- Material UI
- Webpack
- Apollo Client
- RxJS
- Lighthouse