**Brian Alan Cole**

**Summary**

I am a Senior developer with nine years of expertise in front-end & web development. I am strong in front-end technologies including core JavaScript / Typescript and strong hold with React. I have delivered a lot of successful projects like Startup Website building, Modern Style Responsive Design, High-Performance Accessibility, and more. I am proficient in converting designs & wireframes into high-quality code, and writing application interface code via JavaScript - React.js workflows. Adept at monitoring & maintaining front-end performance by troubleshooting and debugging the same to bolster overall performance.

**Technical Skills**

* HTML / HTML5
* CSS / CSS3 / SCSS
* JavaScript / ES5+
* Typescript
* React / React Hooks / Redux / Next
* RESTful API
* PHP / Laravel (middle level)
* Node / Express (middle level)
* SQL / NoSQL (middle level)
* Git / Jira / Jenkins (middle level)
* AWS (middle level)
* Docker / Container (middle level)

**Professional Experience**

**United Advocates Group LLC, Delaware, Texas Jul 2020 to Jan 2023**

**Senior React Developer**

* Worked as a react front-end developer for an inside CRM project of the company.
* Converted from designs into high-quality code with HTML/CSS/JSX and React, and integrated backend API (PHP).
* Did unit testing for all components using Jest and Enzyme keeping 80% of coverage.
* Improved the performance of the project using code-splitting, useMemo, useCallback, lazy loading, optimizing state variables, and pagination.
* Reviewed PRs that were created by other members of the team.
* Collaborated with backend and client engineers to help build features and solve creative problems.
* Worked in the scrum environment.
* Project management using Gitlab CI/CD pipeline and Jira

**GreenForcus Technology Inc - Washington, DC Jun 2018 to Jun 2020**

**Senior React Developer**

* Developed, tested, and maintained current systems written in React and PHP/Laravel. Responsible for installing, configuring, and maintaining React, Laravel, PHP, Apache, and MySQL on AWS cloud servers(EC2).
* Converted the react class components to functional components with react hooks and Typescript.
* Collaborated with development team members to create and integrate high-availability solutions for mission-critical applications.
* Developed the inventory management system that has huge logic in this company
* Developed landing pages for the company using React Material UI.
* Involved designing in web pages using HTML5, CSS3, JavaScript, ES6, Bootstrap, SASS, LESS, React.js, Redux
* Implemented various screens for the front end using ReactJs and used various predefined components from javascript and redux library.
* Implemented stable React components and stand-alone functions to be added to some pages.
* Unit testing using Jest and react-testing-library.
* Project management using CI/CD pipeline

**Laz Parking, Washington, DC Jan 2016 to May 2018**

**Middle-level Front-end Developer**

* Improved functionalities and pipeline integration by designing and implementing cross-platform frameworks in an agile environment
* Designed, developed, and maintained front-end with the latest React/Redux, HTML/HTML5, CSS/CSS3, and SCSS
* Worked on the real estate system of the company.
* Built Restful APIs using node express to communicate with real back-end APIs.
* Developed and maintained a highly functional real estate system
* Ensured tight cooperation with other engineers, designers, and artists through active listening, and systematic communication.
* Improved and corrected existing software and system applications
* Assessed code during the testing stage to determine potential glitches and bugs
* Optimized front-end by using best technologies such as lazy-loading, React context APIs, PureComponent, and pagination.
* Integrated REST endpoints and 3rd party APIs in front-end
* Implemented authentication and authorization with Session and Cookie pair

**Upwork, CA Mar 2014 to Dec 2015**

**Full stack Developer**

* Developed a lot of front-end applications with HTML and CSS, JQuery.
* Developed back-end applications with PHP/Laravel.
* Worked with Security and Compliance to ensure all supported application architecture met or exceeded corporate policies and protocols.
* Supported employees with advanced troubleshooting on helpdesk tickets.
* Developed software for embedded systems, and coding solutions for both new installations and in-situ hardware.
* Modified existing software to correct errors, and adapt to newly implemented hardware or upgrade interfaces.
* Coordinated testing and validation procedures through the software development lifecycle.
* Established clear system performance standards and wrote specifications.
* Improved new Javascript library React skill and worked on the small react project
* Developed RESTful endpoints with node/express, and PHP Frameworks (Laravel & Codeigniter).

**Education**

* Bachelor’s degree in Computer Science, University of Houston, Houston, TX – Jan 2009 to Dec 2013

**Certifications**

* React Certification in Hacker Rank (<https://www.hackerrank.com/certificates/9af2c81f355b>)
* JavaScript Certification in Hacker Rank (<https://www.hackerrank.com/certificates/4d6903106fd3>)