Albert Boyd

Software Engineer

albertboyd0429@gmail.com | (225) 366 9160 | 3000 July St , LA 70808, USA | https://albert-boyd-sigma.vercel.app/#

Summary

Experienced Software Engineer with 1**4 years** of expertise spanning a wide array of technologies including **HTML**, **CSS**, **JavaScript**, **TypeScript**, **PHP**, and **SQL**. Proficient in frontend frameworks like **React**, **Angular**, and **Vue.js**, with hands-on experience in styling using **CSS preprocessors** such as **LESS** and **SASS**. Skilled in backend development using **Node.js**, **Express.js**, and **Laravel**, coupled with a strong understanding of database management systems like **MySQL**, **SQL Server**, **PostgreSQL**, and **Mongo DB**. Adept in test automation tools like **Cypress**, **Jest**, and **Puppeteer**, along with **CI/CD** pipelines using **Jenkins** and **Docker**. Experienced in **agile** methodologies, **SOLID** principles, and project management tools like **Jira** and **Trello**. Proficient in cloud services like **AWS** and **DigitalOcean**, and versed in **blockchain** technologies including **Solidity**, **Truffle**, and **Web3.js**. Accomplished in operating systems including **Windows**, **Linux**/**Unix**, and **MacOS**, with a dedication to continuous learning and staying updated with industry trends.

Skills

Front-End	JavaScript/ES6, TypeScript, SCSS, LESS, Sass, ReactJS, Redux, RxJS, React Native, Next.js, Angular 2+, Vue, D3.js, RESTful API, GraphQL, Firebase, Bootstrap, Tailwind CSS, Material UI, Ant Design, XML, SEO, Socket.io
Back-End	Node.js, Express.js, Nest.js, PHP, Laravel, WordPress, Java, C#
Databases	MySQL, PostgreSQL, MongoDB
Testing	Cucumber, Cypress, Jasmine, Jest, Enzyme, Puppeteer, Playwright
DevOps	Jenkins, Docker, Kubernetes, Git, CI/CD
SDLC	Jira, SOLID principles, Scrum, Trello, Waterfall
Cloud	AWS, DigitalOcean
Blockchain	Solidity, Truffle/Hardhat, Web3.js/Ethers.js, IPFS

Education

Strayer University | Bachelor's degree, Computer Science | May 2008 – Mar 2012
Strayer University | Master's degree, Computer Science | Apr 2012 – Aug 2017

Professional Experience

Symliv | Oct 2024 – Present | United States
*Senior Software Enginee*r *(MERN)*
- Developed and maintained scalable MERN stack applications, optimizing performance and user experience.
- Built RESTful APIs and integrated GraphQL for efficient data fetching.
- Designed and implemented dynamic, responsive React.js frontends with Redux and Context API for state management.
- Developed Node.js & Express.js backend services with authentication (JWT, OAuth, SSO).
- Deployed and managed applications on AWS (EC2, S3, RDS, Lambda, API Gateway, CloudFront).
- Set up CI/CD pipelines using AWS CodePipeline, GitHub Actions, and Jenkins.
- Migrated and maintained NoSQL and SQL databases, ensuring high availability and scalability.

First Line Software | May 2022 – Sep 2024 | Cambridge, Maryland, United States
*Senior Software Enginee*r *(React, Next.js, Web3.js)*
- Developed Single Page Applications using React.js to enable navigation from one view to the next as clients perform application tasks.
- Used debugging tools like Reactotron, Redux DevTools, and Genymotion.
- Responsible for design, coding, development, and testing of various applications built with ASP.NET, C#, Web API, HTML5, CSS3, JavaScript, Angular 15/16, and WCF components.
- Experience in infrastructure development and operations involving AWS cloud platforms including EC2, EBS, S3, Route 53, WorkMail, and CloudWatch.
- Used Axios with React Native to make AJAX calls.
- Used Node Package Manager (NPM) to install libraries like Angular CLI, TypeScript, etc., required for developing Angular applications.

- Worked on AWS to integrate server-side and client-side code.

Altice USA | Apr 2021 – Feb 2022| New York, United States
Full Stack Engineer
- Developed functional solutions for exchanging sensitive health records using blockchain technology.
- Worked with Redux and React Native to handle large data sets for improved performance.
- Used middleware and Redux-thunk in applications to retrieve data from the backend and perform RESTful services.
- Integrated smart contracts into the frontend using Web3.js.
- Created ASP.NET MVC architecture, ASP.NET Web Forms, LINQ queries, and Windows Communication Foundation (WCF) components.
- Used Node Package Manager (NPM) to install libraries like Angular CLI, TypeScript, etc., required for developing Angular applications.
- Applied Redux middleware such as redux-promise, redux-thunk, and redux-saga.
- Developed and extended React, Vue, and Angular projects.
- Spearheaded the development of scalable serverless applications utilizing AWS Lambda, resulting in a 40% reduction in operational costs and a 30% increase in application performance.

Personal Project | Aug 2018– Mar 2021 | United States
Frontend Engineer
- Engineered e-commerce platform with seamless checkout and multi-vendor capabilities.
- Applied Object-Oriented Programming techniques to track UI components added to the DOM and modify framework behavior.
- Maintained newly developed and legacy mission-critical external web applications, applying knowledge of AWS, Apigee, Camunda, and Jenkins.
- Used Higher-Order Components to improve component reusability.
- Created and injected Spring services, Spring controllers, and DAOs to achieve dependency injection and to wire objects of business classes.

Blackthorn Vision | Mar 2017 – Jul 2018 | Lviv, Ukraine
Software Test Engineer
- Tested software functionality including functional testing, regression testing, integration testing, and system testing.
- Used Babel to compile JSX and ES6, adhering to JSHint standards for high code quality.
- Implemented snapshot testing using Jest for React projects along with Enzyme testing utilities.
- Used Highcharts and D3.js to create graphs and implemented filtering functionality.
- Created dashboards and utilized D3.js for interactive data visualization.

Raytheon Technologies | Jan 2016 – Dec 2016 | California, United States
Senior Software Engineer
- Collaborated with UI/UX designers, product owners, executives, and developers to understand requirements and develop mobile apps using industry-standard coding practices.
- Developed mobile applications for both iOS and Android platforms.
- Participated in SDLC activities including requirements gathering, analysis, design, development, and testing using Agile (SCRUM) methodology and TDD.
- Created numerous Django apps and extensively used Django sessions and management.
- Implemented stable React components and standalone functions for future pages.
- Involved in application and site architecture design using Laravel, React, PHP, CSS, JavaScript, and HTML to meet validation requirements.

Accenture | Jul 2014 – Sep 2015 | Cambridge, Maryland, United States
Frontend Developer
- Developed websites for various industries using MERN, MEAN, and MEVN stacks.
- Experienced with Solidity, Web3, MetaMask, Truffle, Geth, and Ethereum smart contracts.
- Designed and developed applications using the WAMP stack (Windows, Apache, MySQL5, PHP) with the Laravel framework.
- Focused on improving responsibility and problem-solving skills through collaboration with project managers.
- Integrated third-party services and external APIs as part of implementing a high-profile customer-facing portal, improving report generation across solutions and reducing code duplication by 60%.

AAXA | May 2012 – Apr 2014 | California, United States
Customer Service Technical Support
- Reviewed code quality for a high-volume internal web application, resulting in increased code readability and performance improvements.