

BLAKE REED

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SUMMARY OF QUALIFICATIONS

Skilled and adaptable with a talent for quickly learning new concepts, performing under pressure, and communicating effectively. Passionate and enthusiastic about computer programming, with a genuine eagerness to learn, apply, and share knowledge and experiences. Able to handle complex assignments with ease, and flexible enough to adapt to changing circumstances.

AREAS OF EXPERTISE

Languages: JavaScript | Python | HTML | CSS | React.js | Node.js | Mongo.db | Express.js | SQL | PostgreSQL | Django |

Skills: Data Structures | Web API | Web Scraping | UI/UX Design | APIs | Front-end Software Engineering | Full Stack Software Engineering | Back-end Software Engineering | Object Oriented Programming | Algorithms | Software development | Agile Frameworks | Adaptability | Problem Solving | Design Patterns | Teamwork | Creative Thinking | Computer Science | Relational Databases | AWS | Collaborative | Web Technologies |

Tools: GitHub | Git | Postman | Bootstrap | Heroku | Railway | Tailwind | Figma

PROGRAMMING EXPERIENCE

My Hero

The web application, named My Hero, was built using the MERN stack, which includes MongoDB, Express, React, and Node.js. It offers an engaging browsing experience for users interested in exploring Marvel heroes and comics, with a focus on being responsive and efficient.

- **Responsive Application:** Crafted high-performance web application with MERN stack, streamlining functionality and adaptability to accommodate user demands & enhance experiences. Improved faster page load times & user retention.
- **Marvel API Integration:** Innovated with official Marvel API, granting users comprehensive access to an extensive library of heroes and comics, enriching user engagement and satisfaction.
- **Design:** Implemented Flowbite and Tailwind CSS frameworks for a modern, user-friendly design, culminating in visually appealing and easily navigable web application, reinforcing usability, interactivity, and user satisfaction.
- **Secure User Authentication:** Employed JSON Web Token for reliable user authentication, safeguarding data integrity and confidentiality when creating and managing personal reviews of favorite comics and heroes mitigating security breach risk.
- **Responsive Design Approach:** Secured compatibility across browsers, devices, and screen sizes via responsive design implementation, amplifying user accessibility, increasing user engagement, and improving cross-browser app expansion.

Adventure Seeker

Adventure Seeker is a web application designed to help outdoor enthusiasts discover local hiking trails and campsites, leveraging latest technologies for robust and reliable performance.

- **Innovative Web Application:** Developed a web application using MongoDB, Express, and Node.js, providing outdoor enthusiasts with dependable tools for discovering hiking trails and campsites.
- **Engaging User Experience:** Created interactive user experience by incorporating JavaScript-based animations & elements, elevating application's appeal & user engagement; heightened engagement, session durations, & overall satisfaction scores.
- **Software Development Best Practices:** Enforced industry-standard best practices with Git version control and testing procedures, instituting reliability & bug-free features for optimal user satisfaction.

EDUCATION & PROFESSIONAL DEVELOPMENT

GENERAL ASSEMBLY, 12 WEEK SOFTWARE ENGINEERING IMMERSIVE | October 17, 2022 - January 23, 2023.

I completed General Assembly's intensive Software Engineering Bootcamp, where I gained hands-on experience in full-stack web development, building web applications from the ground up. Through the program, I acquired proficiency in programming languages such as JavaScript, Python, and SQL, as well as modern web development frameworks like React and Django.

ADDITIONAL PROFESSIONAL EXPERIENCE

In addition, I bring extensive experience working as an Operations Lead at Lyft for 4 years, where I gained expertise in managing day-to-day operations and collaborating with cross-functional teams to drive business growth. I also have experience as a Marketing Specialist, leveraging my creativity and analytical skills to develop effective marketing campaigns. Furthermore, I have held various customer service jobs, honing my communication and problem-solving skills.

