

Blake Reed

(210)-275-8874 | blake.p.reed@gmail.com | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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.

LANGUAGES

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

SKILLS

Full-Stack Development | Object-Oriented Programming | Web Application Development | Data Structures & Algorithms | Software Testing & Debugging | Javascript Frameworks | Backend Technologies | User Interface & User Experience

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.
- **Cutting-edge 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 cutting-edge 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 while supporting app stability.

EDUCATION & PROFESSIONAL DEVELOPMENT

General Assembly, 12 Week Software Engineering Immersive | October 2022 - January 2023

Additional experience includes operations management and marketing positions at Lyft and Greenspire (2018-2022).