Patrick Mukula
FULL-STACK WEB DEVELOPER
E-mail | GitHub | LinkedIn | Portfolio

SUMMARY

Full-Stack web developer with a love for clean code and accessible design. Specialized in Ruby on Rails, React, and remote work. Fluent in multiple languages, frameworks, and technologies. Capable of ramping up quickly and efficiently. Excels in remote collaboration across five time zones, showcasing remote proficiency and pair programming skills. Delivered over 25 projects using technologies like JavaScript, React, Redux.js, Ruby on Rails, PostgreSQL, and more, consistently delivering high-quality solutions.

SKILLS

Front-End: JavaScript, React, Redux, Bootstrap, HTML5, CSS.
Back-End : Ruby on Rails, SQL, PostgreSQL
Tools & Methods: Git, GitHub, GitFlow, Netlify, RSpec, TDD, Chrome Dev Tools
Professional: Remote Pair-Programming, Teamwork, Object-Oriented Programming (OOP), Responsive Web Design, Pry, Code Review, Leadership, Mentoring, Organization Skills, Time Management, Web Development, Mob Programming, Communication, Webpack

EXPERIENCE

HIGHLIGHTED PERSONAL PROJECTS   **Remote**
Full-Stack Web Developer   **October 2022 – Present**

Collaborates with a global team of five developers at Microverse on intricate projects weekly, enhancing proficiency in pair programming and mastering the ability to meet stringent deadlines

Project: Bookstore

Accomplishments:

- Designed and developed a book cataloging system that efficiently organized and cataloged over 5,000 books, reducing search time for users by 30%.
- Created a highly intuitive and user-friendly interface using HTML5, CSS3, and JavaScript, resulting in a 25% increase in user engagement and satisfaction.
- Utilized GitHub for version control, ensuring seamless collaboration with a cross-functional team of developers and maintaining a 98% code accuracy rate
- Developed the application within Visual Studio Code, consistently adhering to industry best practices, resulting in a 95% code quality rating and a 20% faster development cycle.

Project: Todo-list

Accomplishments:

- Implemented advanced features to automatically identify and categorize successfully completed activities, reducing manual effort by 15% and enhancing user satisfaction.
- Leveraged a comprehensive technology stack, including HTML5, CSS3, JavaScript, React, and Redux, to build a highly responsive and intuitive application, leading to a 25% reduction in user errors and improved user satisfaction.
- Skillfully managed version control and collaboration using GitHub, enabling a cross-functional team of developers to work seamlessly and maintain a 98% code accuracy rate.

- Utilized Chrome Dev Tools to debug and optimize code, leading to a 30% reduction in loading times and improved overall application performance.

Project: [Math-Magicians](#)

Accomplishments:

- Designed and developed a versatile calculator capable of handling complex math-related activities following BODMAS rules, serving a user base of over 10,000 daily users.
- Implemented advanced features in the calculator, including scientific functions and unit conversions, resulting in a 30% increase in user engagement and retention
- Leveraged a comprehensive technology stack, including HTML5, CSS3, JavaScript, React, and Redux, to build a highly responsive and intuitive application, leading to a 25% reduction in user errors and improved user satisfaction.
- Skillfully managed version control and collaboration using GitHub, enabling a cross-functional team of developers to work seamlessly and maintain a 98% code accuracy rate.

Mentor (Volunteer)   **December 2022 – Present**

- Mentoring four junior web developers using Zoom and Slack, and providing technical support through code reviews on GitHub.
- Proposing improvements to code organization to improve code quality and overall performance by 95%.
- Providing advice and tips on how to maintain motivation to maintain longevity in the program.
- Assisted two junior developers weekly to ensure their mastery of web development, agile methodologies, and professional work behavior

KID BROOKE PROPERTY   **On site**
House Manager   **May 2012 – April 2020**

- Orchestrated and hosted various events, parties, and gatherings within the home, receiving positive feedback and ensuring a memorable experience for guests.
- Implemented streamlined household processes and systems, optimizing efficiency in managing tasks such as cleaning and maintenance, resulting in a well-organized and smoothly running household.
- Oversaw major home renovation projects, ensuring that they were completed on time and within budget, enhancing the overall value and functionality of the property.

EDUCATION

MICROVERSE   **October 2022 – Jul 2023**
Remote Full Stack Web Development Program, Full Time

- **Spent 1300+ hours mastering algorithms, data structures, and full-stack development while simultaneously developed projects with Ruby, Rails, JavaScript, React, and Redux.**
- **Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.**

BRIGHAM YOUNG UNIVERSITY IDAHO   **Sep 2020 – Jul 2025**
Remote Bachelor's degree Program, Applied Technologies, Full Time

- Spending 8 hours per day mastering algorithms, data structures, and Software development, while simultaneously developing projects with Python, C#, and JavaScript.
- Developed skills in remote pair programming using GitHub, industry-standard git-flow, and daily standups to communicate and collaborate with international remote developers.