

Cameron Basham

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Software Engineering student at Ferris State University with a passion for software. Proven ability to learn quickly and adapt to any kind of change. Driven by passion, self-motivation, and dedication. Eager student ready to learn new things.

RELEVANT SKILLS

Agile Development

Java

Git

Software

Spring

React

JS

Python

Lua

API's

Software Design

Software

SQL/Data Base

Algorithms

Full Stack Development

Professional Experiences

[Ferris Reservation Tool](#) February 2025-Present

Software Developer

- Designed and developed a full-stack reservation system to manage media equipment checkouts, inventory, and user accounts for 300+ digital media students.
- Built secure RESTful APIs with Spring Boot and MariaDB and implemented a responsive UI using React.js and JavaScript.
- Integrated JWT-based authentication and role-based access control for Admin and Student users.
- Managed database deployment and testing using MySQL and hosted the front-end via Netlify.
- Gained hands-on experience with Agile development, API security, Git/GitHub workflows, and cloud-based deployment.
- Technologies: Java, Spring Boot, React.js, JavaScript, MariaDB, MySQL, JWT, REST APIs, Git, GitHub, Agile, Web Hosting

Volunteer Experiences

[Battlefield 3 Reality Mod](#) September 2021-May 2024

Project Manager/Developer/Designer/QA

- Issued, verified, and passed tasks to developers ensuring process integrity from start to finish.
- Developed several features in Lua in collaboration with others (Agile, Scrum, Git).
- Designed test plans, conducted decentralized and centralized software testing sessions for quality assurance, and controlled quality of Developmental and Production branches.
- Designed and implemented Build Verification Tests for manual testing before releases.

EDUCATION

Ferris State University / Big Rapids, MI

June 2020 – Present*

B.S. Software Engineering

Grand Rapids Community College

January 2020 – May 2022