ZIWEI BROOKS
(Katherine)

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PROFILE

Quick learner and dedicated problem solver looking to advance my career in the IT field. I have discovered a real passion for front-end, and back-end development over the past year. I have a strong ability to incorporate new techniques, and a keen understanding of how to troubleshoot problems.

TECHNICAL SKILLS

Object - Oriented Programming: Java | Python
Web App Development: HTML | CSS | JavaScript | Vue.js | Spring Boot | RESTful APIs | JSON | Node.js | Responsive Design | Sass | React | MERN stack
Database Programming: SQL | PostgreSQL | MongoDB
Development Tools + Techniques: Agile | Unit Testing (JUnit) | Test Driven Development (TDD) | Git | IntelliJ IDEA

TECHNICAL EXPERIENCE and Certificates

AWS Certified Cloud Practitioner.
AWS Certified Solutions Architect - in progress

PotHole Finder: Developed a website for users to add the location of potholes. The potholes can be viewed on a map and sorted. There is also a system to address when the potholes will be repaired, and current status of repairs

Catering System App: Created a command line catering system program that utilizes Object-Oriented Programming Principles, Java, and file I/O.

Banking System App: Developed a bank system program called "Katherine Bank" that utilizes Object-Oriented Programming Principles, and PostgreSQL; Ran integration tests, and primarily developed in a command line interface.

EDUCATION

Tech Elevator *- **Columbus, OH***   *Jan 2022 - April 2022*
 14-week full-stack coding boot camp learning how to create dynamic web-based software systems using Java providing 700+ hours of development education and application.

Franklin University - Columbus, OH   *Aug 2023 - present*
Computer Science, MS

Ashland University - Ashland, OH   *Jan 2019 - Dec 2020*
Education, Master of Arts

PROFESSIONAL EXPERIENCE

JPMorgan Chase & Co. - Columbus, OH | Software Engineer Analyst   Oct 2022 - Present
Test software for bugs, operating speed, and fix bugs while documenting processes to achieve better efficiency.
Partner with a senior developer to implement RESTful APIs in our proprietary applications.
Acquire and test data to build, and maintain data pipelines.

OPERS - Columbus, OH | Programmer/Analyst I   *May 2022 - Sept 2022*
Collaborated directly with business analysts, and others to implement user requirements into technical solutions.
Participated in all parts of the system development, testing, and support of services.
Analyzed new tickets, and begin debugging process with development team.