

Brenna Clark

Software Developer

Experienced Software Engineer offering a comprehensive background in software development, automation, and technical writing. Proficient in designing, testing, and integrating scalable applications with a strong aptitude for troubleshooting and decision-making. Adept at translating complex requirements into actionable solutions.

Work Experience

IBM Inventory Service / Software Quality

MAY 2022 - MAY 2023, LOWELL, MA

Strategically planned and executed functional and regression tests for an omnichannel cloud-based inventory solution.

Excelled in identifying and resolving customer usability and accessibility issues, with timely closure of assigned stories and rigorous validation efforts ensuring an optimized and seamless user experience.

Utilized monitoring tools, including PagerDuty and New Relic, to oversee real-time production alerts across multiple time zones.

IBM Order Management / Software Developer

JUNE 2015 - MAY 2022, LITTLETON, MA

Exhibited excellence in software engineering and operations to design and execute extensive test plans with quality-driven continuous quarterly releases.

Spearheaded user-centered design principles to optimize multi-stream merge test plans for quality releases at IBM, earning the 2021 Outstanding Technical Achievement Award.

Enhanced database performance by rigorously validating and executing tests to modernize the OMS to support PostgreSQL.

Devised and implemented a strategy to centralize knowledge assets in a GitHub wiki repository, streamlining onboarding and improving internal document usability.

Authored public documentation to instruct customers on containerization deployment for development and production environments.

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Education

B.S. - Computer Science

SEP 2011 - MAY 2015, BEVERLY, MA

Endicott College

- Concentration: Interactive Technology
- Minor: Communications
- Peer Tutor

Google UX Design

AUG 2023 - OCT 2023, Coursera

Leveraged user-centered design to empathize with users, conduct UX research, and iteratively create accessible, equity-focused solutions.

Skills

Design: Skilled in rapid wireframing and prototyping with Figma, Adobe Illustrator, WYSIWYG tools. Adept in crafting empathetic user experiences.

Development: Expertise in Test Automation Frameworks [Kotlin, ADC, JUnit]. Experience coding responsive apps with React, Javascript, HTML, CSS, and integrating RESTful APIs. Seasoned in DB2, Oracle, and PostgreSQL.

Operations : Proficient version control and merging with Git. Comfortable automating deployment workflows with Jenkins pipelines. Completed post-deployment load performance testing.

Interests

Community events, DIY, local music, indie video-games, renaissance fairs, hanging with my cat, Pretzel.