Abigail Amonett

Software Engineer

ajaphid.github.io/portfolio
linkedin.com/in/aamonett024
abigailamonett@gmail.com

Education

B.S. in Information Systems   August 2024
Carnegie Mellon University | Pittsburgh, PA
Concentration in Human-Computer Interaction

Experience

Software Engineer

Infosys | Raleigh, NC   June 2024 - Present

- Developed an interactive, AI-based storytelling platform in React, generating 25+ unique stories daily for museum visitors. Designed intuitive interfaces with an emphasis on creating engaging digital experiences for children using object-oriented design.
- Achieved a 20% increase in user engagement by designing and optimizing checkout flows using Android Studio and Java for a mobile store assistant app.

Web Developer

Freelance | Pittsburgh, PA   May 2024 - July 2024

- Increased user engagement by 35% through animations and interactive guided breathing features in a collaboratively built responsive web app for a wellness platform using React.
- Achieved a 95% user satisfaction rate by iterative prototyping with Figma, integrating user feedback in Agile processes, and refining the design and user experience.
- Managed post-launch support, maintenance, hosting, and domain services.

Front End Engineer Intern

Infosys | Raleigh, NC   June 2021 - Aug 2021

- Prototyped a IoT sensor data dashboard for electrical repair teams, using Figma, React, and MongoDB. Applied design patterns and MVC architecture for scalability.

Projects

Digital Artist Storefront

- Built a responsive JavaScript application where users can explore items and filter them by features, with integration for direct purchase options.

Workplace Management Software

- Built a full-stack app in Ruby on Rails with SQLite for managing teams, tasks, employees, and scheduling, applying object-oriented design principles and data structures to optimize functionality. Integrated with Google Calendar API for scheduling updates.

Spotify Data Analysis

- Created a data analysis tool using Python and SQL to clean and process Spotify data, with data visualization dashboards in Tableau for personal yearly listening insights.

Skills

Languages: JavaScript, Python, Java, C, SQL, Ruby

Frameworks: React, Node.js, HTML/CSS, TailwindCSS, Next.js

Tools: Git, GitHub, Tableau, Netlify, Adobe Suite, Figma