

CASSIE COLEMAN

SOFTWARE ENGINEER

CONTACT

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PROFILE SUMMARY

A highly driven Software Engineer with 3+ years of diverse experience spanning firmware development, full-stack programming, and IT support. I excel at rapidly adapting to new technical environments and seizing opportunities for growth. Passionate about cutting-edge technology—particularly in the realm of assistive technology—I am dedicated to leveraging my broad skill set to make meaningful contributions and positively impact the community.

EDUCATION

GEORGE FOX UNIVERSITY

B.S. Computer Science with a Concentration in Cyber Security

TOOLS

Languages:

Python, Java, C/C++, C#, TypeScript, JavaScript, HTML/CSS, Scripting

Frameworks & Tools:

Angular, Java Springboot, Git, Bash, PowerShell, SQL

Cloud & DevOps:

AWS Services, Linux/Unix Environments, Command Line

Concepts:

Object-Oriented Programming, Multi-threading, Parallel & Distributed Computing

Other:

Agile Development (Jira), Cross-platform Experience (Windows, macOS, Linux)

SKILLS

- Communication
- Adaptable
- Quick Learner
- Creative
- Hard-Working
- Team Oriented
- Organization

RELEVANT EXPERIENCE

Hewlett Packard (HP)

AUG 2023 - PRESENT

Software Firmware Engineer

Technologies Used: C#, C++, Hardware Testing, SCRUM, Linux Build Systems, Bug Triage

Drove the creation and implementation of new printer firmware functionality, acting as the Technical Lead and primary contributor for several key Epics on the Engine and Supplies team. Developed and maintained features across two distinct production codebases, utilizing expertise in both C# and C++. Resolved complex bugs to ensure the robust reliability and performance of firmware. Maintained strict confidentiality and adhered to security protocols while holding clearance to work on restricted codebases.

Amazon Web Services (AWS)

JUNE - AUG 2022

Systems Development Engineer Intern

Technologies Used: Java, AWS services, Database Modeling, APIs

Designed and created an AWS internal system that automated VirusTotal's (VT) LiveHunt notifications into downstream services for the Cyber Analysts. Worked with AWS cloud systems and the Smithy language to establish API endpoints that allowed interactions with the system. Demonstrated strong ownership and motivation while designing this system from a loose end-result prompt.

PERSONAL PROJECT

Full-Stack Ecommerce Site

PRESENT

Personal Project - www.finaltouchdecorboise.com

Technologies Used: Angular, Java Springboot, AWS Services, Static/Dynamic Hosting, Web Security, Google reCaptcha, Full-Stack Design

Built a full-stack rental platform for a wedding vendor business, enabling users to browse items, check availability, and submit reservations. Used Angular for the frontend and Spring Boot for the backend, with AWS S3 and DynamoDB for scalable data and image storage. Implemented robust security features, including reCAPTCHA, IP tracking, CORS, and custom logic to prevent overlapping bookings. Designed and deployed the system for real users with a focus on performance and reliability.