

Ashley Glenn

Software Engineer | Cloud-Curious Developer | CI/CD Enthusiast

St. Louis, MO 63017

arglenn023@gmail.com | (678) 684-7374 | github.com/ashleyglenn0

Summary

Motivated Software Engineer with a growing focus on cloud technologies and scalable infrastructure. Experienced in full-stack development, API design, and CI/CD pipelines with hands-on exposure to AWS and cloud deployment workflows. Currently pursuing AWS Cloud Practitioner Certification and exploring cloud-native design patterns. Built a range of real-world tools from reservation systems to volunteer management apps. Passionate about bridging application development and cloud infrastructure to build efficient, secure, and high-performing systems.

Professional Experience

Software Engineer III

Spectrum, Maryland Heights, MO — *Aug 2023–Present*

- Led efforts in modernizing monolithic services into microservices.
- Developed REST APIs, improved 3rd-party integrations, and supported scalable deployments.
- Facilitated weekly dev reviews and collaborated with product stakeholders.

Associate Engineer + Apprentice Progression

Spectrum, Maryland Heights, MO — *May 2021–Aug 2023*

- Built and maintained internal tools using Java, Spring Boot, and React.
 - Participated in Agile teams with responsibilities including testing, support, and user feedback.
 - Assisted in state management, API consumption, and database interactions.
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Cloud-Aligned Projects

ToDo List with CI/CD Deployment

React | Node.js | AWS S3 | GitHub Actions

- Created a simple full-stack app with auto-deployment to AWS S3 via GitHub Actions.

- Configured CI/CD pipeline to build and deploy on push to main.
- Gained hands-on experience with AWS IAM roles, buckets, and static site hosting.

DashPass App

React | Spring Boot | MySQL | Thymeleaf | Event-Driven Design

- Built a reservation system with dynamic dashboards, payment simulation, and role-based access.
- Employed layered architecture, DTOs, and scalable service logic.
- Developed reusable components and backend integrations that reflect production design patterns.

Volunteer Check-In Platform

React | Firebase | QR Codes | Google Sheets API

- Designed a real-time check-in/out platform for large tech conferences.
- Integrated cloud tools including Firestore and Sheets API for data management.
- Supported multiple roles, shift tracking, and reporting exports.

Education & Certifications

St. Louis Community College

AAS in Software Engineering (*Expected May 2025*)

AWS Cloud Practitioner (In Progress)

Certification via coursework through St. Louis Community College

LaunchCode Certification — Remote

CoderGirl Front End Development — *Aug 2020–Mar 2021*

Technical Skills

Languages: JavaScript, Java, TypeScript, HTML/CSS, SQL

Cloud & DevOps: AWS S3, IAM (basic), GitHub Actions, Firebase, Firestore

Frameworks: Spring Boot, Node.js, React, Thymeleaf

Tools: Git, GitHub, Jenkins, Jira, VS Code, Postman, Splunk

Practices: CI/CD, Agile, Microservices, RESTful APIs, Event-Driven Design

Leadership & Mentorship

Volunteer Manager — *GovTechCon* (2024)
Volunteer Co-Manager — *Render Conference* (2024)
Mentor — *LaunchCode* (Feb 2022–Present)
Render Ambassador — *Jan 2022–Present)