**Ashley Glenn**
Software Engineer | Full-Stack Developer | Volunteer Leadership in Tech
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## Summary

Software Engineer with 3+ years of industry experience, growing from Apprentice to Engineer III at Spectrum. Strong focus on scalable systems, clean architecture, and cross-functional leadership. Known for taking initiative, mentoring peers, and building meaningful tools like a real-world DashPass app and a conference check-in system. Volunteer Co-Manager for Render and Volunteer Manager for GovTechCon. Actively contributes to the tech community while continuously upskilling through hands-on builds and pair programming. Graduating with an AAS in Software Engineering in May 2025.

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## Work Experience

### Software Engineer III
Spectrum, Maryland Heights, MO — *Aug 2023–Present*

- Modernized legacy systems into microservices, improving maintainability and team autonomy.
- Led internal code review process redesign and facilitated weekly reviews.
- Developed RESTful APIs and improved 3rd-party integrations.
- Guided technical direction and ensured code quality across teams.
- Managed reusable component updates for Fidget UI library.

### Associate Software Engineer
Spectrum, Maryland Heights, MO — *Aug 2022–Aug 2023*

- Contributed full-stack features using React, Spring Boot, and PostgreSQL.
- Delivered performance optimizations and enhanced user experiences.
- Participated in Agile ceremonies and technical reviews.
- Resolved bugs and supported user-facing issues with efficiency.

### Software Developer Apprentice
Spectrum, Maryland Heights, MO — *May 2021–Aug 2022*

- Built internal tools for support teams using Java and React.
- Created shared state management for complex React apps.
- Learned and practiced software engineering principles and dev workflows.

**Verizon Expert**
Best Buy, St. Peters, MO — *Feb 2020–Feb 2021*

- Consistently exceeded sales goals through effective communication.
- Mentored peers in customer service strategies and problem-solving.

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## Featured Projects

**DashPass App** *(Solo Full-Stack Build)*
React | Spring Boot | MySQL | Thymeleaf | CSS | Bootstrap

- Full production-style app mimicking Southwest Airlines' DashPass offering.
- Implemented role-based login, DashPass purchase & redemption, and dynamic reservation flows.
- Integrated payment simulation, dashboard logic, and dynamic UI based on user roles.
- Utilized clean service layers, DTOs, event-driven design, and state updates to reflect real-world app behavior.

**Volunteer Check-In Platform** *(Used at conferences)*
React | Firebase | Firestore | QR Code Generation | Google Sheets API

- Built a real-time check-in/out web app using QR code access for staff.
- Designed for conference use with volunteer tracking, reporting, and no-show alerts.
- Integrated with Google Sheets for exportable daily logs and shift scheduling.
- Includes manual overrides, check-in logic, dashboard, and shift grouping.

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## Tech Community Leadership

**Volunteer Co-Manager**
*Render Conference (ATL) — 2024-Present*

- Managed 50+ volunteers across multiple tracks and days.
- Coordinated with venue leads and core Render staff to resolve logistics.
- Handled check-ins, role scheduling, and day-of coordination.

**Volunteer Manager**
*GovTechCon (St. Louis) — 2024-Present*

- Oversaw volunteer engagement for 600+ person conference.
- Led kickoff planning, shift creation, playbook creation, and onsite direction.

**LaunchCode Mentor** — *Feb 2022–Present*

- Supported early-career coders with feedback, pair programming, and career advice.

**Render Ambassador** — *Jan 2022–Present*

- Promoted Render and assisted in growing regional community outreach.

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## Education
**St. Louis Community College**
AAS in Software Engineering (*Expected May 2025*)

**LaunchCode Certification** — *Remote*
**CoderGirl Front End Development** — *Aug 2020–Mar 2021*

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## Technical Skills

**Languages:** JavaScript, Java, HTML/CSS, TypeScript, SQL, JSX
**Frameworks:** React, Spring Boot, Node.js, Angular, Bootstrap
**Databases:** MySQL, PostgreSQL, Firebase, MongoDB
**Tools:** GitHub, Git, Jenkins, Jira, Firebase, Jest, Splunk, VS Code
**Practices:** Agile, Pair Programming, Code Reviews, TDD, Microservices Architecture