

# Amanda Nelson (she/her)

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## Professional Summary

Senior Software Engineer with 5+ years of hands-on full-stack development and a strong quality-first mindset. Proven experience building and maintaining React.js applications in production, designing and maintaining automated test suites (unit, integration, end-to-end), and owning quality across backend APIs and frontend experiences. Skilled in test automation with Jest and Cypress, modern MVC-style backends (Node.js, Express), and collaborating in cross-functional Agile teams to improve test coverage and release confidence. Execution-focused with strong technical judgment and attention to detail.

## Professional Experience

### L5 Software Development Engineer | Zappos.com LLC (Amazon.com Company)

Remote, On-site Events | 2021-10 - 2023-01

- Designed, developed, tested, and deployed React-based features for high-traffic e-commerce platform, working within iterative Agile development with moderate autonomy
- Participated in code reviews and quality assurance processes, providing and receiving constructive feedback to maintain coding standards and reliability
- Identified and resolved software defects and performed root-cause analysis in a timely manner, improving platform reliability and user experience
- Collaborated with product and engineering partners in sprint planning, standups, and retrospectives to deliver features with high test coverage
- Increased user engagement by 25% through optimized UI/UX implementations; enhanced site accessibility and WCAG compliance, improving customer satisfaction by 30%
- Generated \$2M in revenue growth through strategic ad campaigns and affiliate program integrations

### Senior Software & Product Developer | Happi Home

Remote | 2024-07 - 2025-03

- Designed, developed, tested, and deployed 5+ client-facing web applications using Node.js, Vue.js, and TypeScript within an Agile development framework
- Established comprehensive testing and performance monitoring, strengthening reliability and developer confidence in releases
- Participated in code reviews and quality assurance processes; contributed to technical design of scalable full-stack applications
- Worked closely with product and cross-functional team members to understand requirements and deliver solutions aligned with business objectives
- Enhanced team collaboration using Docker and GitHub in a fully remote environment, reducing deployment time by 66%
- Authored technical documentation and provided mentorship, reducing support tickets by 40% and improving team productivity by 35%

### Freelance Full Stack Developer & Content Creator | Pythoness Programmer

Remote | 2021-05 - Present

- Designed, developed, tested, and deployed SaaS solutions using TypeScript, Next.js, and Supabase, increasing client revenue by 40%
- Contributed to technical design and architecture of full-stack applications; integrated REST APIs and third-party services
- Participated in iterative development processes, maintaining high code quality and documentation standards
- Identified and resolved software defects across full-stack applications in production environments

## Skills

### Testing & Quality Assurance

- Jest - Proficient
- Cypress - Proficient
- Pytest - Proficient
- Unit Testing - Expert
- Integration Testing - Proficient
- End-To-End Testing - Proficient
- Automated Test Suites - Proficient

### Frontend Development

- React - Expert
- Next.js - Expert
- Vue.js - Proficient
- HTML5 - Expert
- CSS3 - Expert
- Responsive Design - Expert

**Backend Development**

- Node.js - Expert
- Express - Expert
- RESTful APIs - Expert
- GraphQL - Proficient

**DevOps & CI/CD**

- Git - Expert
- GitHub - Expert
- GitHub Actions - Proficient
- CI/CD - Proficient
- Docker - Proficient

**Programming Languages**

- JavaScript - Expert
- TypeScript - Expert
- Python - Proficient
- SQL - Proficient

**Software Development Methodologies**

- Agile - Expert
- Scrum - Expert
- Code Reviews - Expert
- Technical Documentation - Expert
- Cross-functional Collaboration - Expert

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**Education****Full-Stack Web Development Certificate**

- Institution: Bloom Institute of Technology (Lambda School)
- Location: Remote
- Graduation Date: 2021
- Skills: Full-stack web development, Computer Science, Algorithms, Data Structures, React, Node.js, PostgreSQL, Python, Testing

**Bachelor of Science in Accounting**

- Institution: Ashford University
- Location: Online
- Graduation Date: 2019