

Ellen Alston

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Ambitious music therapist turned determined and curious software developer, bringing creativity, empathy, and compassion to problem-solving, innovation, and making a positive impact

EDUCATION

Tech Elevator - Remote

July 2024 - October 2024

Full-Stack Web Development Coding Bootcamp

800+ hours of instructor-led education covering dynamic web-based software systems

Ohio University - Athens, OH

August 2013 - May 2015

Bachelor of Music in Music Therapy, Minor in Psychology

Summa Cum Laude

TECHNICAL SKILLS

Java, JavaScript, HTML, SQL, APIs, Agile, PostgreSQL, JDBC, Vue.js, CSS, Git, Unit Testing (JUnit), Integration Testing, Spring Boot, CI/CD Pipeline, UI/UX Design, SDLC

TECHNICAL EXPERIENCE

Personal Website - *portfolio*

Designed and developed a responsive portfolio using **Vue.js**, **HTML**, and **JavaScript** to showcase projects and professional identity; integrated modular components, a PDF resume viewer, dynamic project cards, and an animated about section.

Job Search Application - *personal project*

Built a full-stack job tracking application using **Java**, **Spring Boot**, **PostgreSQL**, and **Vue.js**; implemented structured data management and system interaction patterns, enabling users to filter applications by city and navigate job search progress efficiently

Pizza Ordering Application - *final bootcamp capstone*

Collaborated in a team environment to develop a **full-stack** ordering system with **Java**, **Spring Boot**, **PostgreSQL**, and **Vue.js**; applied **Agile** methodologies, designed **APIs** for real-time order updates, and built an intuitive **UI** for customers and employees

PROFESSIONAL EXPERIENCE

Freelance Software Engineer - Remote

October 2024 - present

Self-Employed

- Designed and deployed **Amplify Playlist**, a full-stack web application for music therapists, utilizing **Java**, **JDBC**, **Vue.js**, and relational databases; deployed on **Heroku** and **Netlify**
- Consulting on **Share Music Therapy**, an intervention database designed to enhance clinical resource management, applying **PostgreSQL**, **data structures**, and **system interaction patterns**

Music Therapist - Willoughby, OH

May 2022 - June 2024

University Hospitals

- Delivered music therapy sessions for pain and stress management to hospitalized adults, achieving a high monthly average of over 100 patients as the top performer and sole provider at medical center, documenting using software system, Epic
- Designed and delivered 4+ unique music therapy programs for cardiopulmonary rehabilitation and stroke/aphasia co-treatment across three medical centers
- Collaborated with multidisciplinary teams and utilized digital audio workstation (DAW) like GarageBand and Eko to create innovative, patient-centered therapy solutions

Image Sourcing Manager - Remote

July 2020 - May 2022

OccasionGenius

- Sourced 5,000+ unique images for real estate clients to develop Airtable systems to manage assets across 100+ U.S. markets
- Supervised a team of 3-5 contractors, ensuring the successful execution of contracts worth \$500k+ annually
- Led the development of cross-departmental communication systems via Slack during restructuring, driving collaboration and maintaining business continuity to grow contracts by 200% throughout the pandemic

Music Therapist - Stow, OH

April 2016 - May 2022

The Groovy Garfoose, LLC

- Designed and led personalized interventions for 15-30 clients who were diagnosed as neurodivergent, incorporating telehealth programming to ensure virtual adaptability
- Organized and led 5+ annual proprietary programs, hosting creative arts camps and interdisciplinary treatment plans, incorporating music, dance, and art to enhance the leisure skills of disabled and neurodiverse teens and adults