

Ellen Antes Alston

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Music therapist turned software developer, bringing creativity, empathy, and passion to solve problems and make a positive impact

TECHNICAL SKILLS

Java, Spring Boot, JDBC, PostgreSQL, SQL, PHP, HTML, CSS, JavaScript, Vue.js, Git, GitHub, GitLab, Agile, Unit Testing (JUnit), Integration Testing, CI/CD Pipelines

TECHNICAL EXPERIENCE

- **Job Search Application:** Created a full-stack web application using **Java**, **Spring Boot**, **PostgreSQL**, and **Vue.js** to track job applications, filter companies by city, and easily add new companies, helping streamline the job search process and keeping all relevant data organized
- **Pizza Ordering Application:** Pair-programmed a full-stack application using **Java**, **Spring Boot**, **PostgreSQL**, and **Vue.js** for customers to place pizza orders and employees to manage orders and menu options, providing real-time updates and intuitive user interfaces
- **Music Therapy Playlist Database:** Designed a relational database using **PostgreSQL** to manage 100+ songs for specific data retrieval based on proprietary table design and E/R diagram, specifically for use by music therapists, enabling efficient music selection for sessions
- **Mock Money Transfer Software:** Developed a **RESTful API** and command-line application simulating peer-to-peer transfers with secure authentication and transaction management using **Java**, **Spring Boot**, **PostgreSQL**, and **JSON**.

EDUCATION

Tech Elevator | Remote

July 2024 - October 2024

Full Stack Web Development Coding Bootcamp

800+ hours of education covering dynamic web-based software systems using Java and SQL

Ohio University | Athens, OH

August 2013 - May 2015

Bachelor's of Music in Music Therapy, Minor in Psychology

Summa Cum Laude

PROFESSIONAL EXPERIENCE

University Hospitals Lake West Medical Center | Willoughby, OH

May 2022 - June 2024

Music Therapist

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

OccasionGenius | Remote

July 2020 - May 2022

Image Sourcing Manager

- 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 and grew contracts by 200% throughout the pandemic

The Groovy Garfoose, LLC | Stow, OH

April 2016 - May 2022

Music Therapist

- Designed and led personalized interventions for 15-30 clients whom were diagnosed with being neurodivergent (including: with diverse special needs, including autism, Down Syndrome, Alzheimer's, MS, and Parkinson's), 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 disabled and neurodiverse teens and adults' leisure skills