Ellen Alston

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Innovative software developer blending music and psychology expertise with technical skill to create impactful applications. Committed to collaboration in growth-focused teams using technology for positive change.

TECHNICAL SKILLS

Java, JavaScript, HTML, CSS, Spring Boot, Vue.js, Git, GitHub, GitLab, PostgreSQL, SQL, JDBC, 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 over 5,000+ unique images for real estate and hospitality 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