Alex Lantz

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Web Developer skilled in collaboration and detail-oriented development, with a strong background in technical support, software installation, and object-oriented programming. Combines over a decade of experience in the competitive field of ballet with technical expertise to create elegant, functional web applications. Adept at turning creative visions into reality through clear communication and teamwork. Graduate of CareerFoundry's Full-Stack Web Development program, with a proven ability to deliver high-quality solutions that meet both user needs and business goals.

AREAS OF EXPERTISE

Web Development | Customer Success Management | Client Onboarding | Writing Technical Documentation | Project Management | Client Relations | Public Relations | Database Management | Training Facilitation

TECHNICAL SKILLS

Microsoft Office Suite | Google Suite | Git | HTML | CSS | JavaScript | React | TypeScript | Angular | Node.js | Python | MongoDB | SQL | Firebase | AWS Lambda | Trello | SQLAlchemy | MySQL | Jest

PROFESSIONAL EXPERIENCE

House Manager | May 2024 - Present
Theater by the Sea
- Utilized scheduling software to manage and organize shifts for a team of 50 ushers, ensuring consistent staffing levels with 5-7 ushers present for each of the 8 weekly shows.
- Coordinated seating logistics for 300-500 patrons per performance, leveraging digital seating charts to streamline the seating process and minimize disruptions.
- Effectively resolved patron complaints before and during shows, maintaining a high level of customer satisfaction for thousands of attendees.

Led operational improvements to enhance the efficiency and effectiveness of usher coordination and patron management.

Professional Dancer | September 2011 - May 2024
Ballet RI
- Collaborated effectively with a diverse team of dancers and staff, contributing to the creation of compelling and artistically resonant performances.
- Worked closely with choreographers, mastering new material quickly and accurately while anticipating their needs to bring their vision to life with minimal direction.
- Excelled in demanding principal roles, demonstrating leadership, technical proficiency, and emotional depth in live performances.
- Leveraged creative problem-solving skills to address performance challenges, consistently applied constructive feedback for continuous improvement, and ensured precision in executing complex technical details.

Prioritized body management and injury prevention, consistently maintaining peak physical condition through rigorous training, responsible upkeep, and proactive health measures to sustain long-term performance capabilities.

Web Development Apprentice | September 2023 - September 2024
CareerFoundry
- Develops and launches a serverless, progressive web application using React and AWS Lambda, enabling offline access and push notifications.
- Builds and integrates a REST API with a MongoDB database for a movie app, streamlining data retrieval using the MERN stack.
- Implements responsive front-end designs with Angular, enhancing user interface and experience (UI/UX) for mobile and desktop users.
- Automates testing processes with a test-driven development (TDD) approach, leading to faster deployment cycles.
- Optimizes a React Native chat app, incorporating Firebase for real-time messaging and performance improvements.
- Engineered a Python CLI application that queries data from a MySQL database, automating data retrieval and management tasks.

Ballet Teacher | September 2010 - Present
Ballet RI, Dean College, NewBedford Ballet, The Dance Factory
   • Communicated and analyzed complex ballet techniques, guiding students through detailed discussions that deepened their understanding and improved their performance.
   • Developed students' physical strength safely, implementing tailored exercises that supported their growth while preventing injury.
   • Maintained a focused and disciplined classroom atmosphere, fostering an environment conducive to learning and artistic expression.
   • Effectively managed students, keeping them motivated and inspired while navigating conflicts with diplomacy and care.
   • Developed and maintained social media content and webpages to enhance visibility and community engagement for the schools.

PROJECTS

Recipe App| Developer
Full-Stack Web Application | Python | Django
   Developed a dynamic recipe web application using the Django framework, enabling users to create, read, and modify recipes. The app supports multi-user functionality, an admin panel for content management, and search features based on recipe ingredients. Deployed the application using PythonAnywhere with a Postgres database, and designed an intuitive interface with HTML and CSS for a seamless user experience.

   Key Features:

   • Built a multi-user system allowing user sign-ups and recipe management with a personalized experience.
   • Integrated an admin panel for data handling, allowing statistical dashboards and data visualization using Python and Django.
   • Implemented search functionality to filter recipes by ingredients and keywords.
   • Deployed the app on PythonAnywhere, using a Postgres database for backend management, ensuring scalability.
   • Followed coding best practices with well-documented and well-tested code hosted on GitHub for potential employers to review.

   Tools & Technologies: Django, Python, HTML, CSS, PostgreSQL, Github

   View project here: RecipeApp
   (Login Credentials: Username: visitor, Passord: alexlantz)

Meetup App| Developer
Serverless Progressive Web Application (PWA)
   Developed a serverless, progressive web application (PWA) for browsing and tracking upcoming events, leveraging the Google Calendar API to fetch event data. Designed and implemented the app using React and AWS Lambda functions, focusing on scalability, offline support, and cross-platform compatibility.

   Key Features:

   • Integrated Google Calendar API for real-time event data.
   • Implemented responsive, cross-platform design with PWA features like offline access, push notifications, and "add to home screen" functionality.
   • Visualized event data using scatterplots and pie charts to display event locations and genre popularity.

   Tools & Technologies: React, AWS Lambda, Google Calendar API, Jest (for TDD)

   View project here: MeetApp

EDUCATION

Full Stack Development Program
CareerFoundry

Professional Division Ballet
Royal Winnipeg Ballet School