

Aliyah Stephens

Software Engineer

contact@stephenstech.dev | (785) 370-1300 | 240 Levee Dr, Ste 1 Manhattan, KS 66502

[LINKEDIN](#) | [GITHUB](#)

EDUCATION

WESTERN GOVERNORS UNIVERSITY
SOFTWARE ENGINEERING BACHELOR'S/MASTER'S

December 2024 - April 2026
Salt Lake City, UT

EXPERIENCE

MERCOR | PROJECT MANAGER

San Francisco, CA (Remote) | March 2023 – Present

- * Managed and defined the complete lifecycle for Machine Learning Engineering (MLE) rubrics, translating abstract project goals into quantifiable technical specifications and standardized acceptance criteria.
- * Designed and enforced a rigorous quality control framework for MLE deliverables, ensuring adherence to model version control, integrating Git workflow compliance checks, and validating rubric effectiveness against performance benchmarks.
- * Led cross-functional teams of ML researchers and software developers, mitigating project ambiguity and accelerating the release cadence of updated assessment tools.

FREELANCE | FULL-STACK DEVELOPER

Manhattan, KS | May 2015 – Present

- * Implemented web applications with responsive features using HTML, CSS, and JavaScript frameworks, such as React and Vue.js, to create dynamic, user-friendly interfaces.
- * Collaborated with clients to understand their needs and delivered customized web solutions that enhanced their online presence

TELUS INTERNATIONAL | DATA ENGINEER

Vancouver, BC (Remote) | January 2024 – Present

- * Executed rigorous quality assurance (QA) protocols across diverse machine learning task types, including map data verification, news relevance, and audio evaluation, ensuring the accuracy of training data inputs.
- * Improved AI model performance by conducting online research and analysis to verify, enrich, and determine the relevance of information, ultimately enhancing digital map content quality used globally.

MANHATTAN MOB RECORDS | AUDIO ENGINEER & SYSTEMS ENGINEER
Present

Manhattan, KS | May 2015 –

- * Managed all aspects of audio recording, mixing, and mastering for various music projects, ensuring high-quality sound and seamless integration with video production.
- * Configured and optimized computer systems to integrate with vintage console mixers and other audio equipment, ensuring smooth and reliable studio operations.
- * Developed and maintained the studio's website and financial systems, applying knowledge of various coding languages to enhance functionality and user experience.
- * Used programming skills to interface audio hardware with software, enabling advanced audio processing and system automation.

SKILLS

PROGRAMMING LANGUAGES
LIBRARIES/Frameworks
TOOLS / PLATFORMS

Python, SQL, JavaScript, C#, Java, C++, Ruby, R
React, Angular, Bootstrap, Node.js, Express.js, JUnit, jQuery
Git, Visual Studio Code, JIRA, Docker, AWS, Azure, .NET, Django

PROJECTS / OPEN-SOURCE

MARKETVUE | [LINK](#) PostgreSQL, Generative AI / LLM Integration, Finnhub Stock and News API, Real-Time Data Streams, Complex Options Analytics, Progressive Web App (PWA) Development, Modern Component Framework, High-Performance Data Visualization, Responsive, Modular Styling, Cloud Hosting & Deployment.

A comprehensive stock screener providing real-time market data, investment strategies, and financial news, enabling investors to make informed decisions with advanced filtering and analysis tools. (<https://marketvue.tech>)

PHENOTYPE FORUM | [LINK](#) PostgreSQL, HPO/MONDO/DO Integration, Biomedical Ontology Mapping, Semantic Search Filtering, No-Registration Anonymous Posting, Progressive Web App (PWA) Development, Modern Component Framework, High-Performance Data Retrieval, Cloud Hosting & Deployment.

A peer support community for individuals affected by rare diseases and symptoms, facilitating connections and information sharing through standardized medical vocabularies. (<https://phenotypeforum.com>)

MGFX | [LINK](#) C++ Programming Language, JUCE Framework, Cross-Platform Development (VST3/AU/AAX), Digital Signal Processing (DSP), Audio Effects Implementation (Compression/EQ/Reverb/Delay), Responsive Web Design, Open-Source Software Development.

A professional, single-pane channel strip audio plugin built with JUCE/C++ featuring essential processing: Compression, custom EQ, and time-based FX (Reverb/Delay). Available in VST3, AAX, and AU formats. (<https://aliyahstephens.github.io/mgfx/>)

DYE RUNNER | [LINK](#) HTML5 Canvas API, Vanilla JavaScript Game Loop, Progressive Web App (PWA) Development, Mobile-First Design, Responsive Event Handling (Keyboard and Touch), Local Storage (for High Scores), Dynamic Asset Loading, CSS3 Animations/Transitions

The Chromatic Dash - A browser-based endless runner game with PWA capabilities. Features color-matching mechanics, progressive difficulty, and installable mobile experience with offline gameplay. (<https://aliyahstephens.github.io/dye-runner/>)

ALIYAH BEAUTY | [LINK](#) Shopify E-commerce Platform, Global Multi-Currency & Localization, Inventory Management Systems (IMS), Integrated Payment Gateways (e.g., Stripe/Shopify Payments), Custom Theme Development (Liquid/JavaScript), Social Media & Influencer Marketing Integration, Search Engine Optimization (SEO) Tools.

An e-commerce platform offering a curated selection of premium personal care products, featuring an elegant design and seamless shopping experience. (<https://aliyahbeauty.com/>)

CERTIFICATIONS

- Full-Time Software Engineering Track - App Academy.
- Avid Certified User - Pro Tools - Avid/Berklee College of Music (2018).

HONORS & AWARDS

- Inducted into the National Society of Leadership and Success at Western Governors University (2025)