

# Kevin Engel

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## SUMMARY

Adaptable former band director, adept at making swift, clear decisions. Keen focus on managing multiple variables while visualizing the big picture. Transitioning to a role in software development, driven by enthusiasm for growth and learning. Brings dedication, focus, and a collaborative spirit.

## EDUCATION

Tech Elevator | Cincinnati, OH

May '24 - Present

14-week Java coding bootcamp focused on developing dynamic web-based software systems using the Java language and platform.

University of Illinois School of Music | Champaign, IL

Bachelor of Arts - Music

## TECHNICAL SKILLS

Java | HTML | CSS | JavaScript | Spring Boot | JDBC | Table Design | SQL | PostgreSQL | E/R diagrams | Unit Testing (JUnit) | VUEjs | Git | GitHub | IntelliJ | Postman

## PROJECTS

Record Collection - project

MMM 'YY - MMM 'YY

Tech Elevator | Cincinnati, OH

Full Stack - Record Collection Application - Users create, store, and catalog personal record albums into sharable collections

Create and edit API's for individual users. Backend - IntelliJ IDEA - Java - Spring Boot - JDBC - Frontend - HTML - CSS - JavaScript - VUE.js

TEnmo - application

May '24 - Aug '24

Tech Elevator | Cincinnati, OH

Peer-to-peer payment style application - transfers TEnmo money between users

Http methods to insert, update, and retrieve information from an SQL database - users can send and receive TEnmo money - users can view other users - users can approve or decline requests for transfers - users can view transaction history

Vending Machine - application

May '24 - Aug '24

Tech Elevator | Cincinnati, OH

CLI application - File I/O reading and writing

Accepts money and gives change - displays items and price - the user is permitted to make a selection and purchase a product - uses file I/O to log a transaction - uses file I/O to generate a sales report

12 Tone Serial Tone Row - project

Jul '24 - Present

Personal Project | Hamilton, OH

Full Stack Application - Java / PostgreSQL - backend VUEjs - Frontend

upon the generation of the array a 12 x 12 matrix is built following the principles of music composer Arnold Schoenberg. Utilizes the Web Audio API to generate sound waves from the formed Matrix

## PROFESSIONAL EXPERIENCE

Columbus AI Week

Sep '24

Volunteer at Columbus AI Week | Columbus, OH

- Assisted with logistics of guest speaker stages resulting in an **elevated guest experience**
- Enhanced efficiency of Guest/Sponsor/Speaker Registration and Check-in through Event Management software, while tracking check-in time and **optimizing event attendance numbers**

Lakota East High School - Lakota East Freshman - Hopewell JH

Jun '15 - Jun '22

Director of Bands Lakota East | West Chester, OH

- Elevated the band program to Bands of America Grand National Semi-Finalist status, boosting program funding by **50% through successful acquisition of corporate sponsorships**
- Developed a comprehensive beginning band curriculum by merging Tradition of Excellence method books with **innovative digital music tools like SmartMusic**, resulting in music reading proficiency rates exceeding the national standard by one year
- Collaborated with over 20 student contributors to **digitize the entire music catalog post-building fire, which displaced all music due to smoke damage**

Madeira City Schools - High School - Middle School

Jul '04 - Jun '15

Director of Bands - Madeira City Schools | Cincinnati, OH

- Managed the operating budget for the OMEA District 14 region as District Treasurer using **Excel** to ensure financial stability & efficiency
- Facilitated OMEA Solo Ensemble Events to ensure maximum student involvement Elevated confidence levels, & **increased student engagement through performance challenges**
- Attained State Superior Ratings annually as director by implementing a well-organized daily rehearsal schedule & **utilized Facebook & Instagram to boost program visibility**