

# Rose O'Malley

781-910-6706 | [rosieodev@gmail.com](mailto:rosieodev@gmail.com) | [GitHub](#) | [LinkedIn](#)

---

Full-Stack Software Engineer transitioning from a career in music, blending creativity, precision, and problem-solving into software development. Passionate about building impactful software solutions while leveraging a diverse skill set developed from years of music performance and education.

## TECHNICAL SKILLS

**Languages:** Java, JavaScript, SQL | **Front-End:** HTML, CSS, React, Vue.js | **Frameworks/Libraries:** Spring Boot, Node.js  
**Databases:** PostgreSQL | **Design Tools:** Figma, Canva, draw.io Trello  
**Tools:** IntelliJ, Visual Studio Code, pgAdmin, Postman, DevTools, Git, Github, Docker, JUnit, Maven

---

## CODING & DEVELOPMENT PROJECTS

### Portfolio | React

- Developed a portfolio website with **React** to display my projects and act as a living resume.

### Gig Tracker | PostgreSQL, Java

- Developed a command-line interface (CLI) for musicians to track events, using **PostgreSQL** for data management and querying in **pgAdmin**.
- Designed entity-relationship diagrams with **draw.io** and built the **PostgreSQL** schema.
- Implemented the CLI in **Java**, following the **MVC** design pattern with switch-based menus, array lists, interfaces, and **JDBC** for **CRUD** operations.

### Paw Swipe | PostgreSQL, Relational Database, Java, Spring Boot, REST API, JWT, Figma, JavaScript, Vue, CSS HTML

- Designed and implemented the back-end of a pet adoption website, following **OOP** principles and the **MVC** design.
  - Implemented role-based authentication with **JWT** using **Spring Security**, supporting users, admins, and visitors.
  - Developed a **RESTful API** accessed through **JavaScript** via **Axios**, and rigorously tested with **JUnit** and **Postman**.
  - Deployed the server on Koyeb.com using **GitHub** for version control.
  - Designed desktop and mobile [wireframes](#) and prototypes using **Figma**.
  - Developed the user interface using **Vue.js** and **JavaScript**, employing components, views, services and routing.
- 

## WORK EXPERIENCE

### Front-End Developer (Freelance) *Healing Hands Fund* | Philadelphia, PA

Nov '24 – Present

- Developed a responsive, user-friendly website for a non-profit organization using **Vue.js** for the front-end
- Worked with clients to gather feedback, iterating on designs and functionality to meet project goals and deadlines.
- Deployed the website on a development subdomain, allowing the client to preview and provide ongoing feedback
- Collaborated with the team and cross-functionally to ensure the site's successful launch and funding campaign.
- Utilized **Github** for version control and **Apache** for hosting, ensuring smooth deployment and version tracking.

### Professional Musician, Self-Employed | Philadelphia, PA

Aug '10 – Present

- Taught 10-20 students per week, customizing lessons to suit individual needs and skill levels across music genres.
- Contributed to 5+ records as a multi-instrumentalist, with expertise in audio engineering, music production and session musicianship.
- Utilized problem-solving and creativity to adapt to various performance settings, ensuring high-quality performances
- Managed communication, coordination, and collaboration with fellow musicians, showcasing strong teamwork and interpersonal skills that easily translate to a collaborative software development environment.

### Plugged In, Multi-Instrumental Instructor; Ensemble Leader | Needham, MA

Sept '12 – May '16

- Taught private and group lessons to children and adults across multiple instruments, adapting instruction for students with a range of physical and cognitive abilities.
- Lead rock ensemble rehearsals and performances.

### Creative Arts At Park, Music Instructor & Curriculum Designer | Brookline, MA

June '06 – July '19

- Designed and implemented curriculum for Recording, Girl's Rock Band, Songwriting, Beats Creation and Guitar.
  - Collaborated cross-departmentally to compose, record and edit music for interdisciplinary projects.
- 

## EDUCATION

### Tech Elevator | National Live Remote

Dec '23 - Aug '24

### Full-Stack Software Development Bootcamp

Designed software systems and solutions with 800+ hours of education and application, focusing on Java web applications.

### Berklee College of Music | Boston, MA

### Bachelor of Arts Professional Music