

Andy Roh

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SUMMARY

Software Developer adept in time management and collaboration, transitioning from a healthcare background. Driven by a lifelong passion for technology and creativity. Seeking opportunities to apply problem-solving abilities and continual growth.

TECHNICAL SKILLS

Java | Spring Boot | JavaScript | React.js | Vue.js | RESTful APIs | OAuth 2.0 Authentication | Axios | HTML | CSS | Responsive Web Design | SQL | PostgreSQL | JDBC | E/R Diagrams | Table Design | Unit Testing (JUnit) | Integration Testing | Agile | Git | GitHub Pages | Debugging | Postman | VSCode | IntelliJ | C# (Familiar) | Python (Proficient)

TECHNICAL EXPERIENCE

LanternDB | Video Game Database

Built a full stack web application in an Agile/Scrum environment as a final capstone project. Developed RESTful APIs, a dynamic frontend using Vue.js, and integrated PostgreSQL for database management. Applied industry best practices in unit testing and version control.

Spotify Profile Overview

Developed a front-end React.js web application utilizing RESTful API calls and Spotify's OAuth 2.0 for user authentication, leveraging Axios to retrieve data. The app enables Spotify users to view and manage their listening history and statistics. Overcame hosting challenges and deployed to GitHub Pages.

Portfolio Website

Built and maintained a personal developer portfolio showcasing projects such as LanternDB, Typing Test, and more. Integrated third-party APIs and deployed the site to GitHub Pages.

Typing Test Game

Developed a front-end typing test application with core functionality that allows users to take timed typing tests, capturing words per minute (WPM) and accuracy. Focused on creating a clean user interface, responsive design, and playability.

TEnmo Currency Exchange App

Pair partnered to institute a money share command-line interface app using Java and PostgreSQL, incorporating MVC design, building a REST API function tested with Postman, and securing transactions with user authentication for money transfers and account balance requests.

EDUCATION

Western Governors University | Remote

Took credit towards a BA Computer Science Degree.

Sep '23 - Present

Tech Elevator | Columbus, Ohio

Java Bootcamp Student

May '24 - Aug '24

Full-stack bootcamp designing software systems and solutions with 800+ hours of education and application.

PROFESSIONAL EXPERIENCE

DaVita Kidney Care | Columbus, Ohio

Patient Care Technician

Aug '23 - Jul '24

- Administered personalized care to an assigned average of 8 patients per day, utilizing vital sign monitoring, medication administration, and hygiene assistance
- Collaborated with a diverse healthcare team of 5 members to ensure optimal patient comfort and safety
- Operated advanced dialysis machines and documented patient data on medical web applications, improving data accuracy and treatment efficiency by 15%.