

Robert Penrod

(937) 414-5397 | robertpenrod42@gmail.com | robertpenrod.com

EDUCATION

The University of Toledo - B.S. Computer Science and Engineering

Aug. 2022

SKILLS

Languages: Java, JavaScript (ES6+), TypeScript, SQL, C#, HTML5, CSS3, Python (basic)

Frameworks/Libraries: Spring Boot, React, Node.js, Express, ASP.NET, jQuery, Unity

Tools: Git/GitHub, Postman, Firebase, VS Code, IntelliJ, Tableau, JIRA

Concepts: Object-Oriented Programming (OOP), RESTful APIs, Data Modeling, Agile/Scrum, CI/CD Pipelines

PROJECTS

Dng.quest (React, Mantine, Firebase, OpenAI API)

Built and deployed an AI-powered tabletop RPG content generator using React, Firebase, and the OpenAI API

Pocket Viewer (React, PokeAPI)

Pokemon data viewer using React and the pokeapi.

EXPERIENCE

First Drive Logistics (Amazon DSP)

April 2025 - Present

Delivery Associate

Lockbourne, OH

- Managed efficient routing and delivery for 120+ packages daily while maintaining high accuracy
- Utilized mobile systems and navigation tools to adapt to real-time route updates and optimize workflow.

Think Round (Volunteer)

March 2024 - July 2024

Unity XR Developer - (Unity, XR Interaction Toolkit)

Remote

- Optimized project code and materials, reducing project size by 70% by compressing textures and coding a networked LOD system to download/unload highres images at runtime.
- Communicated with stakeholders and the UX team to translate ideas and UI into new features and assets.

Nationwide (Brooksource Contract)

Feb. 2023 - March 2024

Junior Java Developer - (Java, MDM, Postman)

Remote

- Documented and troubleshoot MDM software upgrades, streamlining the upgrade process for the development team.
- Developed Postman collections to streamline API testing and improve development efficiency.
- Collaborated with the development team to fix defects and implement new features.

Emerson

May 2022 - Aug. 2022

Computer Science Co-Op - (SQL, Tableau, VB)

Sidney, OH

- Developed tableau dashboards to display data to effectively answer customer questions and requirements.
- Collaborated with cross-functional teams and senior leaders.
- Developed and updated web pages to display filtered assembly line data.

MEDsys

June 2021 - Aug. 2021

Software Developer Co-Op - (ASP.NET, C#, HTML, SQL, JavaScript)

Remote

- Designed, implemented, and extended functionality of existing systems, refactoring where appropriate.
- Worked in an Agile environment using Scrum, managing daily workload and prioritizing tasks.

University of Toledo

Jan. 2021 - May 2021

Lab Instructor - (Java)

Toledo, OH

- Planned and executed topic review and project demos for lab students.
- Assisted lab students by answering questions and guiding them towards solutions.
- Fostered a collaborative learning environment by prompting students to discuss solution strategies.

CERTIFICATIONS

Nucamp Full-Stack Web & Mobile (React, Node, MongoDB)

2024

Unity Certified VR Developer (XR Interaction Toolkit, Unity3D)

2023