Katie Copeland | Software Engineer/Developer

304.482.9892

kcopelanddev86@gmail.com

www.linkedin.com/in/katie-copeland-dev

Professional Summary

Recent Software Engineering graduate with hands-on full-stack development experience and a strong focus on backend technologies. Demonstrated problem-solving skills through coding projects and a junior developer role. Licensed Practical Nurse, offering a unique perspective at the intersection of healthcare and technology. Committed to delivering high-quality software and eager to contribute to healthcare tech or other innovative environments. *References available upon request*.

Skills

Programming Languages:

Proficient: Java, C#, HTML, CSS Familiar: Rust, Python, Dart

Tools & Technologies:

Proficient: ASP.NET Core, IntelliJ, Docker, Git, Jira, MSSQL, PostgreSQL, Swagger Familiar: AWS Cloud Platforms,

Unity, MongoDB, RustRover, Flutter

Certification:

Comptia Project+ 12/10/2024

Education

WVU-Parkersburg

300 Campus Dr. Parkersburg, WV 26104

Graduation date: 05/10/2025 **Bachelor of Applied Technology:**

Software Engineering
GPA: In-Major 3.56

President's Scholar: Fall 2023

Dean's List: Spring 2024, Fall 2024,

Spring 2025

WVU-Parkersburg

300 Campus Dr. Parkersburg, WV 26104

Graduation Date: 05/2023
Associate of Applied Science:

Computer Science

Dean's List: Spring 2022, Summer

2022, Spring 2023

Wood County School of Licensed

Practical Nursing Parkersburg, WV

Graduation Date: 07/2014 Technical Certificate: Licensed Practical Nurse

Elected Class of 2014 Vice President

Parkersburg High School

Parkersburg, WV

Graduation Date: 05/2004 High School Diploma

Elected President for Family, Career, and Community Leaders of America

(FCCLA) Class of 2004

Projects

Refactoring Report Generation System from MVC to Razor Pages

Objective: Refactor an existing ASP.NET MVC application to Razor Pages, focusing on efficient data processing and report generation.

Key Responsibilities:

- Analyzed and restructured legacy MVC code to improve maintainability.
- Implemented Razor Pages architecture to enhance user experience and streamline workflows.
- Ensured accurate data processing and reliable report generation.
- Collaborated with peers and mentors to apply software development best practices.

Technologies used: ASP.NET Core, C#, Razor Pages, PostgreSQL

Terminal/Console Three Card Poker Game Academic Project for Supplemental Instruction

Objective: Developed a terminal-based Three Card Poker game in Java to demonstrate object-oriented programming principles—specifically inheritance and abstraction—by integrating it with Blackjack in a unified system.

Key Responsibilities:

- Designed game logic to parallel Blackjack, providing students with familiar mechanics to facilitate learning.
- Implemented user interaction and managed game state within a console environment.
- Demonstrated class reuse and interface implementation to promote code modularity and maintainability.

Technologies used: Java, IntelliJ IDEA

Work History

WVU-Parkersburg - Supplemental Instructor for Computer Science

Parkersburg, WV • 08/2023 - 05/10/2025

- Led supplemental instruction sessions, boosting student comprehension and confidence.
- Implemented a mentoring program to help increase student retention.
- Partnered with faculty to refine curriculum and evaluate learning outcomes.
- Fostered critical thinking using modern educational tools and techniques.
- Advanced professional expertise through conferences and ongoing development.

WVU-Parkersburg - Junior Software Developer

Learn and Earn Program Parkersburg Associate Degree Track, WV • 01/2023 - 08/2023

- Conducted code reviews to ensure best practices and facilitate team knowledge sharing.
- Developed custom application features to meet client requirements.
- Improved code quality by adhering to standards and maintaining thorough documentation.
- Enhanced software performance through rigorous testing, debugging, and issue resolution.
- Collaborated with team members to solve technical challenges.
- Translated customer requirements into actionable development use cases.
- Built and upgraded databases to optimize software performance.

GoHealth Urgent Care (Formerly MedExpress) - Licensed Practical Nurse Vienna. WV • 09/2021 - Current

- Managed time-sensitive tasks and maintained composure in high-pressure situations.
- Ensured regulatory compliance through accurate documentation and infection control.
- Delivered culturally competent care and patient education to diverse populations.
- Developed and adapted individualized care plans based on changing patient needs.
- Collaborated with healthcare teams and mentored new staff to enhance patient outcomes.

Camden Clark Medical Center Parkersburg, WV • 08/2015 - 09/2021 - LPN Westbrook Health Services Parkersburg, WV • 08/2010 - 08/2015 - LPN