

Katie Copeland | Software Engineer

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Professional Summary

Software engineering graduate with a background in healthcare, bringing a practical, detail-oriented approach to problem-solving. Through academic projects, I've built and debugged small full-stack applications, with a particular interest in backend logic, data handling, and writing code that's easy to maintain. My experience as a licensed practical nurse has taught me how to stay focused under pressure, work through complex situations, and follow structured processes. These are skills that I can now apply to debugging and development. I've also taught introductory computer science at the college level, which has strengthened my ability to break down technical concepts and discuss them clearly with others. I'm looking to grow as an innovative junior developer, contribute to a team, and build reliable, thoughtful solutions.

Skills

Languages: Java, C#, HTML, CSS (Proficient) | Rust, Python, Dart, JavaScript (Familiar)

Technologies: ASP.NET Core, IntelliJ, Docker, Git, Github, Jira, MSSQL, PostgreSQL, Swagger (Proficient) | AWS Cloud Platforms, Unity, MongoDB, RustRover, Flutter (Familiar)

Methodologies: Agile, Waterfall, Scrum, Kanban, SDLC, DevOps

Certification: CompTia Project+ (12/10/2024)

Education

Bachelor of Applied Technology: Software Engineering

WVU-Parkersburg | Graduation: 05/10/2025 | GPA: 3.56 (In-Major) | President's Scholar (Fall 2023), Dean's List (Spring 2024, Fall 2024, Spring 2025)

Associate of Applied Science: Computer Science

WVU-Parkersburg | Graduation: 05/2023 | Dean's List (Spring 2022, Summer 2022, Spring 2023)

Licensed Practical Nurse

Wood County School of Licensed Practical Nursing | Parkersburg, WV | Graduation: 07/2014

Work History

Adjunct Faculty, Introduction to Computer Science | WVU-Parkersburg | 08/2025–12/2025

- Taught foundational computer science concepts to undergraduate students
- Evaluated student performance through assessments and provided constructive feedback.
- Developed and implemented course curricula aligned with academic standards.
- Facilitated engaging classroom discussions to enhance student learning outcomes.

Supplemental Instructor, Computer Science | WVU-Parkersburg | 08/2023–05/10/2025

- Facilitated collaborative learning sessions to enhance student understanding of course material.
- Improved student retention rates through tailored tutoring sessions for struggling individuals.
- Supported course instructors in developing engaging curriculums by providing feedback on student comprehension and progress.

Junior Software Developer | WVU-Parkersburg Learn and Earn Program | 01/2023–08/2023

- Developed custom application features meeting client requirements

- Enhanced software performance through testing, debugging, and issue resolution
- Built and optimized databases to enhance application performance
- Collaborated with team members to troubleshoot and resolve coding issues efficiently.

Licensed Practical Nurse | *UPMC GoHealth Urgent Care (Vienna, WV)* | 09/2021–Present

- Manages time-sensitive tasks in high-pressure clinical environments while maintaining composure
- Ensures regulatory compliance through accurate documentation and infection control practices
- Administers medications and vaccinations according to established protocols.
- Collaborates with multidisciplinary teams to ensure optimal patient care.

Projects

Refactored a Report Generation System from MVC to Razor Pages to improve maintainability and user experience.
Technologies used: ASP.NET Core, C#, Razor Pages, PostgreSQL, Github

Developed terminal based Three Card Poker game demonstrating foundational object-oriented programming principles during supplemental instruction role. Technologies used: Java, IntelliJ IDEA, Github