

William McCown

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Aspiring Software Engineer transitioning from EMS leadership into technology. Experienced in building clean, responsive front-end interfaces and practical full-stack tools using HTML, CSS, JavaScript, Python, PHP, and SQL. Strong problem-solving, calm decision-making under pressure, and clear communication developed through years of emergency services work. Actively expanding a portfolio of real-world projects and preparing for a full-time software engineering role.

TECHNICAL SKILLS

Languages: Python, PHP, HTML5, CSS3, JavaScript, SQL, Java

Tools & Frameworks: Git, GitHub, GitHub Pages, React Native, Bootstrap

Systems & Concepts: REST APIs, responsive design, UI/UX fundamentals, database design, version control, software development lifecycle (SDLC), debugging, testing

Other: Leadership, training development, operational workflow design, documentation

PROJECTS

- **Portfolio Website** (HTML, CSS, JavaScript) - Fully responsive personal portfolio website
- **SeizureDoc** (React Native, Expo, SQLite) - A mobile app for logging seizure events, medications, and long-term patterns.
- **BillPilot** (React + PHP) - A full-stack financial management tool for tracking bills, payment history, monthly status, and long-term trends.

PROFESSIONAL EXPERIENCE

NETCare Ambulance Service

EMS Supervisor / Training Lead

Inez, Ky

March 2010 – Feb 2021

- Provide prehospital treatment and transportation for sick and injured patients
- Initiated redesign of protocols to improve patient care
- Spearheaded efforts to improve hiring and training programs
- Advocated for utilization of newer technologies which both increase employee safety, and decrease costs for employer
- Trained and mentored new hires and students. Provided continuing education for seasoned staff.

EDUCATION

BIG SANDY COMMUNITY AND TECHNICAL COLLEGE

Associate of Applied Science Degree in Computer and Information Technology

Prestonsburg, Ky

August 2015 – August 2024

- GPA 3.8/4.0
- Member Phi Theta Kappa Honor Society
- Deans List and/or Presidents List every semester

Western Kentucky University

Bachelor of Science in Computer Information Technology

Bowling Green, Ky

August 2024 – May 2026

- GPA 3.6/4.0
- Frontend development, backend development, full-stack fundamentals, UI/UX, database design, object-oriented programming, software architecture basics.