

Ethan Wright

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Portfolio: <https://ethanwright-01.web.app>

SKILLS

Languages: C#, Java, Python, C, C++, JavaScript, TypeScript, SQL

Frameworks/Architectures: ASP.NET Web API, React, Angular, Node.JS, Django

Databases: MySQL, PostgreSQL (Relational schema design, queries, optimization)

Tools and Platforms: Git, GitHub, Docker, Linux, Windows, Jira (Agile/Scrum)

EXPERIENCE

Summit Medical Transport | Remote October 2025 – Present
Software Engineer (Contract)

- Design and develop backend services and RESTful APIs for a workflow automation platform, contributing 48+ endpoints for scheduling, configuration, and operational features.
- Work within an Agile team to gather requirements from stakeholders and iteratively build features for the application currently in development.
- Utilize Docker for consistency in local development environments and GitHub for version control and team collaboration.
- Participate in code reviews and technical discussions to maintain code quality and align on architectural decisions.

Select Medical | Remote / Mechanicsburg, PA November 2024 – Present
Solutions Specialist I

- Provide Tier 1 application and systems support for 45,000+ enterprise users, supporting business-critical healthcare platforms.
- Troubleshoot and resolve approximately 125 tickets per week, maintaining 80%+ customer satisfaction through thorough issue investigation and clear communication.
- Interface daily with engineers, analysts, and end users to coordinate complex issue remediation.

West Virginia University | Morgantown, WV February 2024 – August 2024
Undergraduate Research Assistant (Software Engineering)

- Developed real-time computer vision software for an autonomous blimp research project using Python, C++, and OpenCV.
- Collaborated with multidisciplinary engineering teams to define functional requirements and system constraints.
- Optimized algorithm, performance, and system architecture, achieving 300% improvement in processing speed, enabling real-time operation on resource-constrained hardware.

EDUCATION

West Virginia University | Morgantown, WV August 2019 - August 2024
Bachelor of Science in Computer Science, West Virginia University (ABET)

ENGINEERING AND SOFTWARE PROJECT

Album A Day – Full Stack Web Application

- Developed RESTful API backend using ASP.NET Core and MVC architecture, implementing authentication and CRUD operations with Entity Framework Core ORM
- Built responsive React frontend with component-based architecture and modern state management patterns.
- Currently integrating frontend and backend services to complete full-stack application workflow.