**David Hancock**

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Professional Summary

Software Engineer transitioning from a mission-critical military leadership role as a Special Forces Green Beret to full-stack development through Microsoft Software and Systems Academy (MSSA). Experienced in dynamic environments requiring rapid decision-making, adaptability, and effective collaboration. Gaining hands-on experience by building secure, scalable applications using object-oriented programming. Passionate about solving complex real-world problems and delivering innovative, impactful solutions while fostering strong, collaborative relationships.

Skills

• Programming Skills: C#/Object-Oriented Programming

• Development Tools: .NET Framework, ASP.NET Core, GitHub/Git, Visual Studio, Unity, .NET MAUI, Azure

• Database Technologies: SQL, SQLite

• Collaboration & Leadership: Team-Based Development, Agile Methodologies, Project Management

• Security Clearance: Active TS/SCI Clearance

Work Experience

**Microsoft Software and Systems Academy (MSSA) Jan 2025—May 2025 (Projected)**

*Software Developer*

*MSSA combines technical training with professional development, equipping graduates for software engineering roles.*

• Developing full-stack applications using C# and .NET MAUI, integrating RESTful APIs, MVVM architecture, and Azure cloud services.

• Gaining proficiency in C# programming, data structures and algorithms, and scalable full-stack development using APIs and databases.

• Collaborating with industry professionals to refine problem-solving and software design skills.

**US Army, Joint Base Lewis-McChord Jan 2024—Present**

*Senior Enlisted Special Forces Medical Advisor/Operations Medical Sergeant*

*Oversaw medical operations, support, training, and planning for 10 teams in 4 platforms and 200 personnel.*

• Developed a semi-automated tracking system, enhancing medical readiness by 20% for 200 personnel.

• Designed and implemented a structured certification tracking system, increasing compliance rates by 60% for 25+ personnel.

• Trained staff and colleagues on four technical systems, standardizing processes for data usage and distribution, resulting in more streamlined workflows.

• Assisted in large-scale mission planning, utilizing digital tools to optimize medical evacuation strategies and resource allocation.

**US Army, Joint Base Lewis-McChord Dec 2020—Jan 2024**

*Senior Special Forces Medical Sergeant*

*Oversaw protocol development, interoperability between U.S. and allied forces, medical readiness, and training.*

• Advised four countries on developing mission-critical contingency plans for emergency response operations.

• Developed and delivered technical training programs, boosting team’s cross-functional skills validation rates by 80%.

• Impacted the local healthcare system in the Philippines that had lasting effects, reducing emergency response times by an average of 70 minutes in foreign territory.

Education

**University of Cincinnati, Cincinnati, OH 2009**

*Bachelor of Science, Secondary Education—German Studies*

Projects

**Monkey Finder** (C#, XAML, MAUI) – Built a mobile app to display and locate various monkey species using GPS, remote data sources, MVVM architecture, REST APIs

**Tower Defense** (C#, Unity) – Implemented turret logic and behavior scripts, integrated Unity’s built-in AI enemy pathfinding, and developed core gameplay mechanics using object-oriented design.

**Unity Essentials** (C#, Unity) – Created a scene where a user can navigate a player through multiple scenes with audio, 2D art, destroyable objects, and basic physics.

**Shopping List** (C#, WinForms) – Designed an interactive item-tracking application, handling UI, logic, and data management.

**C# Mini Calculator** (C#, WinForms) **–** Developed a GUI-based calculator for performing basic math operations.

**Student Portal** (C#, WinForms) **–** Built a Teacher Management System for student data management.

Certifications

**Foundational C# with Microsoft**—35-hour structured course on C# fundamentals

**AZ-900**: **Microsoft Azure Fundamentals**—Foundational cloud knowledge, preparing for scalable app deployment—Projected: May 2025

**AZ-204**: **Microsoft** **Azure Developer Associate**—Advanced development skills for building and maintaining cloud apps on Azure—Projected: June 2025