

# Eric Mantonya

eric.mantonya@outlook.com | (660) 723-6069 | linkedin.com/in/eric-mantonya

---

**Active Secret Security Clearance**

## KEY SKILLS

---

C# • JavaScript • CSS • HTML • .NET • React.js • Blazor • MySQL • Visual Studio • Git • Software Development Lifecycle • Project Management • Cross-functional Team Leadership • Quality Assurance • Technical Analysis • Information Technology • Software Testing • Azure • Cloud Services • Program Management • Mentoring

## CURRENT PROJECTS | [github.com/eMantonya](https://github.com/eMantonya)

---

### TrailFinder

**Nov 2023 - Present**

- Developed a responsive and user-friendly web application using modern technologies like React, JavaScript, HTML, and CSS, resulting in a seamless user experience.
- Integrated real-time weather data from external APIs to provide users with up-to-date weather information, enhancing the app's utility and relevance.
- Implemented a dynamic user interface that allows users to explore and discover local trails, leveraging geolocation services and API data to display accurate trail information.

### CapChat

**Sep 2023 - Present**

- Crafted an intuitive user interface (GUI) using Windows Forms and event-driven programming, enhancing user engagement, and ensuring seamless input validation for a polished user experience.
- Implemented robust password security by hashing and salting user passwords before storing them in the SQL database, ensuring data protection and privacy compliance.
- Demonstrated a commitment to code quality and robust documentation by employing .NET unit testing to meticulously isolate and verify code, achieving comprehensive code coverage.

### Charity Beagle Rescue Project

**Sep 2023 - Present**

- Designed and implemented a relational database to store user and dog profiles, ensuring data retrieval, scalability, and maintaining data integrity during data migration from legacy systems.
- Collaborated closely with a virtual team using GitHub for version control to continuously integrate website enhancements, showcasing strong communication and problem-solving abilities.

## EXPERIENCE

---

### Cloud Application Developer | Microsoft Software & Systems Academy

**Aug 2023 - Present**

- Developed and tested applications using the .NET framework, C#, and object-oriented programming principles to enhance application maintainability, flexibility, and scalability.
- Created a mortgage calculator using C# and Object-Oriented programming that accurately calculates payments and generates amortization schedules based on customer data.
- Employed GitHub secrets and Azure Key Vault to fortify the protection of critical backend services, ensuring source code security and confidentiality.

### Aircraft Maintenance Manager | U.S. Air Force

**Nov 2021 – Aug 2023**

- Provided cross-functional team leadership, mentoring, training, and project management expertise.
- Oversaw and ensured 100% execution of maintenance activities for 37 technicians across four facilities and guided the completion of three complex projects one month ahead of schedule.
- Implemented a maintenance training tracker and mentorship program, resulting in a 27-day reduction in the average training time for new members.

**Quality Assurance Specialist | U.S. Air Force****May 2020 – Nov 2021**

- Managed incident reporting, data analysis, safety, maintenance inspections, and training, contributing to enhanced operational capabilities and workflow of a 4000-member organization.
- Organized a critical aircraft Weight & Balance technical meeting, resulting in procedural changes that enhanced worldwide safety of flight.
- Analyzed and directed 12 maintenance incident reports, identified down-trends, which overhauled the safety training regimen for a 470-member organization.

**Emergency Aircraft Recovery Team Lead | U.S. Air Force****June 2015 – May 2020**

- Demonstrated exceptional skills in emergency management, incident investigation, and systems troubleshooting.
- Improvised and directed the recovery efforts of a disabled aircraft with an 8-member cross-functional team, which prevented a \$31.5 million loss and award of the Air Force Achievement Medal.
- Led a 4-member team through 72 repairs of aircraft parts, which ensured operations stock stayed over 90% during high pace work environment.

**Aircraft Inspection Team Member | U.S. Air Force****Sep 2011 – June 2015**

- Troubleshoot faulty aircraft system, teamed with four members across two specialties to repair and return aircraft to service three days before deadline.
- Performed major inspections on 30 aircraft, identified and repaired over 270 discrepancies.
- Collaborated with a 26-member cross-functional team to transport 11 aircraft to a safe location during a severe storm emergency.

**EDUCATION**

---

**Community College of the Air Force****Oct 2023**

Associate of Applied Science – Aviation Maintenance Technology

**Bachelor of Science – Computer Science****Expected Dec 2025**