Eric Sandlin
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http://www.ericsandlin.com

Education

- **Tennessee College of Applied Technology**
  Computer Information Technology | 2024 - 2025

- **Arizona State University**
  Bachelor of Science, Software Engineering | 2014 - 2020

- **San Diego City College**
  Refrigeration and Air Conditioning Systems | 2007

- **Winfield City High School**
  High School Diploma | 2003

Technical Skills

- Programming Languages: Python, Java, JavaScript, C++

- Web Development: HTML, CSS, React, Node.js

- Databases: SQL, MongoDB

- Version Control: Git, GitHub

- Operating Systems: Windows, Linux

- Networking & Security: CompTIA Security+, Network+

- Problem-Solving & Debugging

Projects

Portfolio Website

- Developed a personal portfolio website using React and Node.js to showcase projects and technical skills.

- Implemented a contact form with backend API integration.

- Hosted and deployed using GitHub Pages and AWS.

Inventory Management System

- Designed and built a CRUD-based web application using Python (Flask) and MySQL.

- Developed an intuitive UI with Bootstrap for easy navigation and usability.

- Implemented authentication and role-based access control.

Automated Data Processing Script

- Created a Python script to automate data extraction and formatting from large datasets.

- Improved efficiency by 60% in data processing for a client project.

- Utilized Pandas and NumPy for data manipulation.

Professional Experience

Electronics Technician

FedEx | Memphis, TN | October 2023 - Present

- Analyzed and troubleshot electronic control systems, enhancing problem-solving skills.

- Gained experience in LAN networking, micro-computers, and security camera systems.

- Worked with structured data and system diagnostics, useful for software debugging.

Maintenance Manager

MSS Steel Tubes | Memphis, TN | February 2023 - October 2023

- Managed CMMS (Computerized Maintenance Management System), improving database knowledge.

- Led a team and optimized workflows using data-driven decision-making.

Maintenance Supervisor & Mechanical Technician

Von Drehle & Kruger Tissue Group | Memphis, TN | 2012 - 2023

- Diagnosed and resolved complex system issues, refining analytical and troubleshooting skills.

- Worked extensively with automation systems and PLC programming concepts.

Military Experience

United States Navy | Machinist's Mate | E-5 | 9 Years 2 Months Active Service

Engineering Lab Instructor

U.S. Naval Academy | Annapolis, MD | January 2010 - September 2012

- Taught engineering fundamentals, enhancing communication and technical instruction skills.

- Developed training materials, including interactive multimedia content.

USS Kitty Hawk & USS George Washington

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Yokosuka, Japan | July 2003 - February 2010

- Operated and maintained complex mechanical systems, fostering a strong technical foundation.

- Led maintenance and repair operations, emphasizing teamwork and leadership.

Certifications

- **CompTIA Security+ (SY0-601)**

- **CompTIA Network+ (N10-009)**

- **CompTIA A+ (Core 1 & Core 2)**