

WAYLON E. WOOD

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SUMMARY

Resourceful and mission-driven technician transitioning into software development after 5 years in the U.S. Marine Corps. Known for diagnosing and resolving technical issues under pressure, with a strong foundation in electronics and systems thinking. Passionate about coding and continuous learning, with experience in Python and JavaScript. Seeking to bring a unique blend of precision, adaptability, and curiosity to a software engineering role.

PROJECTS

Task Manager [Github](#) | [Live](#)

A full-stack task management web app built with Python and Flask, featuring user authentication, project and workspace management, dark mode, and a responsive UI. Uses SQLite with Alembic for database migrations and is easy to deploy on platforms like Vercel.

My Portfolio [Github](#) | [Live](#)

My personal portfolio website is a modern, responsive platform built with React, Vite, HTML, and CSS. It's designed to showcase my projects, skills, and experience in a clean and visually appealing way. With a focus on speed and usability, the site provides an interactive browsing experience while highlighting my work and technical expertise.

WORK EXPERIENCE

Full Stack Developer

Freelance Projects

August 2025 - Present

Remote

Developing modern web applications using React, Node.js, and cloud technologies. Focus on beautiful, responsive designs and custom user experiences.

- Developed new business opportunities by marketing freelance services and securing clients through direct outreach and referrals.
- Defined project scope and set client expectations, ensuring alignment between business needs and deliverables.
- Organized structured client touchpoints and progress updates to manage timelines and maintain high satisfaction.
- Building full-stack applications with modern tech stacks
- Implementing responsive designs for optimal user experience
- Integrating third-party APIs and database management
- Deploying applications using cloud platforms and CI/CD

Software Engineering Apprentice

Creating Coding Careers

August 2025 - Present

Remote

Software development apprenticeship program focusing on full-stack web development, combining theoretical learning with hands-on project experience and industry mentorship.

- Learning full-stack development fundamentals and advanced concepts
- Completed multiple comprehensive projects demonstrating practical skills
- Collaborated on team projects using Agile and Scrum methodologies
- Maintained exceptional performance throughout intensive curriculum
- Developed expertise in modern web technologies and frameworks

Lead Technician

Service Company, 9th Communication Battalion

10/2023 - Present

Marine Corps Base Camp Pendleton, CA

I oversaw a team of 22 electronic technicians in the maintenance, troubleshooting, and repair of sophisticated electronic systems within the U.S. Marine Corps. Responsible for ensuring operational readiness and optimal performance of all electronic equipment.

- Led a team of technicians in the installation, maintenance, and repair of electronic systems, ensuring compliance with military/industry standards and protocols.
- Developed and implemented an updated quality control process to return a better product to the customer.
- Diagnosed and resolved complex technical issues, applying advanced troubleshooting techniques to minimize downtime.
- Developed and implemented maintenance schedules and procedures to enhance system reliability.
- Conducted training sessions for junior technicians, fostering skill development and knowledge sharing.
- Managed project coordination for system upgrades and installations, ensuring timely completion within budget constraints.
- Maintained comprehensive technical documentation, including service reports, manuals, and compliance records.
- Collaborated with joint-service teams to integrate electronic systems into larger operational frameworks.
- Oversaw inventory management of tools and parts, ensuring resource availability for maintenance operations.
- Ensured quality assurance through regular inspections and testing of equipment, adhering to safety protocols.

Intermediate Maintenance Activity Operations Chief

Service Company, 9th Communication Battalion

12/2023 - Present

Marine Corps Base Camp Pendleton, CA

Served as the IMA Operations Chief specializing in microminiature repair within the U.S. Marine Corps. Responsible for leading a team of 4 technicians in the precision repair and maintenance of advanced electronic components, ensuring optimal performance and reliability of critical systems.

- Oversaw all operations related to microminiature repair, including the diagnosis, repair, and maintenance of intricate electronic assemblies and components.
- Managed a skilled team of technicians, providing guidance and training in advanced repair techniques and safety protocols.
- Developed and implemented maintenance schedules and procedures to maximize the efficiency and effectiveness of repair operations.
- Conducted detailed inspections and assessments to ensure compliance with military standards and specifications.
- Collaborated with engineering teams to troubleshoot complex issues and improve repair methodologies.
- Maintained accurate documentation of repair processes, service reports, and compliance records to uphold quality standards.
- Coordinated with supply chain management to ensure availability of specialized tools and replacement parts for microminiature repairs.
- Analyzed performance metrics and implemented process improvements to enhance repair turnaround times and quality.

Satellite Communications Technician

Service Company, 9th Communication Battalion

03/2021 - Present

Marine Corps Base Camp Pendleton, CA

Experienced Satellite Communications Technician with a proven track record in the installation, maintenance, and troubleshooting of satellite communication systems within the U.S. Marine Corps. Skilled in ensuring reliable communication capabilities in diverse operational environments.

- Installed, configured, and maintained satellite communication equipment and systems to support military operations.
- Conducted troubleshooting and repairs of satellite communication systems, including antennas, modems, and signal processing equipment.
- Performed routine inspections and preventive maintenance to ensure optimal system performance and reliability.
- Collaborated with team members to establish communication links in various operational scenarios, ensuring seamless connectivity.
- Assisted in the development and implementation of standard operating procedures for satellite communication operations.
- Maintained accurate documentation of system configurations, maintenance activities, and technical reports.
- Provided technical support and training to personnel on the use of satellite communication equipment and systems.
- Coordinated with logistics to ensure availability of necessary tools, parts, and equipment for maintenance operations.
- Monitored system performance and implemented corrective actions to resolve issues and enhance reliability.

SKILLS

Leadership and Supervision
Safety and Compliance
Technical Proficiency
Circuit Analysis
Problem Solving
Equipment Maintenance
Communication
Troubleshooting
Team Collaboration

Testing and Calibration
Training and Mentorship
Component Identification
Project Management
Technical Documentation
Attention to Detail
Quality Control
Adaptability
Schematic Comprehension

EDUCATION AND CERTIFICATES

ELECTRONIC TECHNICIAN (JOURNEYMAN)

- Completed through United Services Military Apprenticeship Program

ADVANCED LEADERSHIP COURSE

ADDITIVE MANUFACTURING BASIC COURSE

DIGITAL WIDEBAND REPAIR COURSE

AN/TRC 170 REPAIR COURSE

HIGH SCHOOL DIPLOMA