

NIELS L HUISMAN

nlwhuisman@gmail.com | 802.310.5964

CORE SKILLS

Project & Process Management

Agile / Scrum Methodologies • Project Scheduling & Resource Planning • Cross-Functional Team Leadership • Risk & Change Management • Continuous Process Improvement

Tools: Jira • Confluence • Trello • Acumatica ERP • Slack • Google Workspace

Technical Systems & Operations

Electrical & Control Systems Integration • SCADA & Industrial Automation • FAT / QA / QC • Hardware Diagnostics & Repair • Data Communication (Serial, Ethernet) • Electrical Schematic Reading

Tools: Multimeters • Oscilloscopes • Power & Signal Analyzers • Soldering / Wiring

Software & Automation

Python • Bash • Jenkins Groovy • Arduino / Embedded Systems • C • Ada/SPARK • LabVIEW • Ladder Logic • JQL Querying

Applications: CI/CD Pipelines • Test Automation • Version Control

Leadership & Organizational

Development

Platoon Leader • NCOIC (Musical Performance Team) • Drum Major • Squad Leader • Motor Sergeant • Personnel Training & Mentorship • Career Pathing • Operational Readiness • Safety Management & Accountability

Operating Systems

Windows • Linux (Command Line & Server) • macOS

EXPERIENCE

Power Factors – *Production / 2024–Present*

Lead production, testing, and QA for SCADA enclosures supporting commercial and industrial solar and BESS sites. Coordinate with Engineering, Procurement, and Project Management to meet all technical, schedule, and compliance goals.

- Introduced Agile practices with Jira-based workflows, daily standups, and retrospectives—improving visibility and shifting from reactive to proactive planning.
- Own and refine the Factory Acceptance Test (FAT) process; developed standardized documentation, Confluence checklists, and automated test sequences executed through embedded Linux controllers.
- Conduct lab-based root-cause analysis, perform repairs, coordinate RMAs with manufacturers, and provide on-site customer support as needed.

Greensea IQ – *Project Manager / Jr. Engineer (DevOps) / Production Technician 2017–2023*

Progressed through successive technical and leadership roles delivering integrated hardware-software solutions for commercial, academic, and defense clients.

- Managed two engineering teams across full project lifecycles—design, build, and sustainment—while serving as the primary interface between Engineering, stakeholders, and Program Management.
- Hosted sprint demos and technical reviews to align execution with customer requirements and maintain schedule and deliverable quality.

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- Maintained comprehensive project documentation in Jira, Confluence, and Acumatica for traceability, compliance, and program continuity.
- Expanded Jenkins CI/CD pipelines across local, virtual, and cloud infrastructure, integrating plugins to improve automation, regression testing, and release control.
- Administered GitHub and automation accounts supporting DevOps consistency and software integrity.
- Built and tested advanced marine electronic systems incorporating fiber-optic gyros, DVLs, radar systems, and custom PCBs, and provided field-test feedback that improved design robustness and manufacturability.

40th Army Band, VT Army National Guard – Sergeant First Class / 2004–Present

Provide leadership, mentorship, and organizational oversight as Platoon Leader and Senior Leadership Team member, maintaining readiness, accountability, and operational discipline within assigned personnel.

- Advise the command team and oversee execution of directives and objectives, ensuring mission alignment and standards compliance.
- Plan, coordinate, and execute training events; manage personnel readiness, safety, and required certifications.
- Mentor Soldiers in professional development, guiding career progression and training alignment.
- As NCOIC of a Musical Performance Team, lead operational planning and resource management for domestic and public missions, ensuring professional execution under varied logistical conditions.
- As Drum Major, lead ceremonial and parade formations, instruct soldiers in precision drill and military bearing, and represent the unit with professionalism in high-visibility events.

EDUCATION

Vermont Technical College – Williston, VT

BS, Electromechanical Engineering Technology | AS, Electrical Engineering Technology
Focused coursework in control systems, automation, and applied electrical theory.

INTERESTS

Playing music, boating and fishing, gaming, homebrewing, and collecting & writing with fountain pens