

Noah Burnette

I make software for the manufacturing industry

📍 Asheville, North Carolina,

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👤 ABOUT

I am a software engineer who helps digitally transform manufacturing around the world.

💼 WORK EXPERIENCE

Industrial Software Engineer,
December 2023 - Present

Intellic Integration

HIGHLIGHTS

- Led and built large-scale industrial applications using Ignition and Unified Namespace (UNS) architecture.
- Developed Python microservices to fulfill niche client-specific use cases.
- Created internal tooling in Go and Python to accelerate deployment workflows.
- Improved the developer experience by building a custom debugger, an ORM, and an automated test discovery system.
- Worked across diverse sectors, including food & beverage and battery manufacturing.
- Applied domain-driven design (DDD) principles to accurately model complex business logic.
- Created CI/CD pipelines, automating deployments and decreasing regressions.
- Delivered technical support and clear documentation to stakeholders, enabling successful implementation and adoption.

Software Developer Intern,
April 2023 - November 2023

Sierra Nevada Brewing Co.

HIGHLIGHTS

- Developed MES applications using Ignition.
- Designed stored procedures and views to optimize database operations.
- Enhanced server-side performance by implementing backend functionality in Python.
- Built user-friendly interfaces to improve user experience and efficiency.

Network Technician,
December 2021 - April 2023

Microtech Knives

HIGHLIGHTS

- Managed and deployed Linux infrastructure.
- Built and maintained Docker images to facilitate seamless workspace deployment.
- Conducted network analysis to identify and address security threats.
- Configured Meraki hardware to strengthen network reliability.

🛠️ SKILLS

Languages

Go Python SQL TypeScript Java HTML/CSS

Frameworks/Libraries

Gin Flask Gorm React htmx Node.js

Platforms/Tools

Git Ignition Docker Kubernetes MSSQL PostgreSQL

Architectures/Practices

UNS DDD TDD EDA MSA CI/CD

🎓 EDUCATION

Bachelor of Science, Computer Science - University of North Carolina Asheville
2020-May - 2023-Dec