

Nathan Luckock's CV

Software Engineer, Software Architect, Software Developer

nathanluckock@gmail.com | My Personal Website

Currently

Building backend systems and AI tools that bridge industrial data with real-time intelligence

Specialized in

Backend development, FastAPI, Docker, ODBC interfaces, data streaming with MQTT, and not a fan of overcomplicated architectures

Research interests

Real-time data, API design, caching strategies, AI agents, industrial automation, and making legacy systems actually useful

Education

2024-2026 **Brigham Young University Idaho, Rexburg, Idaho.**

Bachelor of Science in Computer Science

Awards

2021-2024 **National Honors Society**

Occupation

2024-present **Transpara Software Engineer & Developer**, Remote

- Building backend systems and AI tools that bridge industrial data with real-time intelligence
- Developing and maintaining APIs for industrial data streaming and processing
- Designing and implementing caching strategies for real-time data processing
- Developing and maintaining AI agents for real-time data processing
- Developing and maintaining industrial automation systems