JOSHUA CAMP

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PROFESSIONAL SUMMARY

Technical Product Development Manager with 6+ years leading RFID/IoT systems integration in aerospace and compliance-driven industries. Specializes in industrial asset tracking, tool control systems, and process optimization with demonstrated resourcefulness in building production-grade hardware/software solutions. Proven track record of $2M+ documented operational savings through innovative system design and deployment.

CORE COMPETENCIES

Hardware & Systems Integration: RFID/IoT systems design • Industrial asset tracking • Embedded systems • Tool control infrastructure • Mobile fixed-reader systems • Hardware prototyping (CAD, CNC, 3D printing)

Software & Development: AI-augmented rapid development • Full-stack application development (React, Express.js, PostgreSQL) • Enterprise system architecture • Role-based access control • Custom authentication systems

Project & Product Management: Full lifecycle product development • Cross-functional team coordination • Technical documentation • Agile/SCRUM methodologies • Vendor management • Compliance standards (aerospace/defense)

Design & Communication: CAD modeling (Fusion 360) • UI/UX prototyping • Technical training development • Video production • Visual communication • User-centered design

PROFESSIONAL EXPERIENCE

Technical Program Manager / Product Development Specialist
GOULD SOUTHERN — Lake Charles, LA | May 2018 – Present

- Lead full lifecycle RFID/IoT systems integration for aerospace clients, managing hardware design, software coordination, and field deployment of enterprise asset tracking solutions

- Generated $2M+ in documented client savings through innovative tool tracking systems and operational efficiency improvements including loss prevention and process optimization

- Design and prototype custom hardware solutions using CAD, CNC machining, and 3D printing, iterating through multiple versions to achieve field-ready, production-grade deployments

- Architect integrated systems combining UIs, RFID readers, industrial PCs, power systems, and proprietary software platforms with enterprise compliance standards

- Develop comprehensive adoption programs including SOPs, technical documentation, customer training materials, and long-term support strategies

- Partner with engineering teams, vendors, and operations to deliver compliant, scalable solutions under strict aerospace deadlines

• Created mobile RFID scanner system enabling offline audits and real-time tool recovery, evolving through seven major design iterations with custom 3D-printed chassis and modular electronics

Key Achievements:

• Built enterprise account management system in 11 working days using AI-augmented development, demonstrating modern full-stack capabilities (React, Express.js, PostgreSQL) with 5-level hierarchical data architecture and sophisticated role-based permissions

• Designed complete RFID ecosystem (kiosk, smart cart, hybrid rack) with seamless interoperability across multiple proprietary applications

• Produced comprehensive video training series (50+ minutes) for enterprise RFID platform, improving customer onboarding and technical support

Sales Representative
AT&T; MOBILITY — Lake Charles, LA | October 2017 – May 2018

• Provided technical product education and support to customers on mobile hardware/software integration

• Consistently ranked in top 5 for sales performance by exceeding targets and driving customer loyalty

Environmental Administrative Specialist (Contract)
CB&I; — Hackberry, LA | April 2016 – February 2017

• Built Excel-based inventory management system tracking 15+ storage units across 500-acre industrial site

• Organized and analyzed environmental/safety data, producing compliance reports for client and regulatory meetings

• Drafted Statements of Work (SOWs), coordinated subcontractors, and supported procurement operations

EDUCATION

Bachelor of Arts in Graphic Design & 3D Media Animation | 2023
SOUTHERN NEW HAMPSHIRE UNIVERSITY

• Graduated Summa Cum Laude with 3.98 GPA

• Specialized coursework in product design, 3D modeling, and UX development with emphasis on user research and translating requirements into functional, successful products

TECHNICAL SKILLS

Development: React, Vite, Express.js, PostgreSQL, REST APIs, Git/GitHub, Adobe Animate, HTML/CSS/JavaScript

Design Tools: Fusion 360 (CAD), Figma, Adobe Creative Cloud (Photoshop, Illustrator, After Effects, Premiere Pro), 3D printing, CNC

Systems: RFID hardware integration, IoT systems, embedded electronics, industrial PCs, power systems design

Methodologies: Agile, SCRUM, Design Thinking, AI-augmented development, rapid prototyping, user-centered design