Justin Ervin

Senior Software Engineer

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Enterprising Software Engineer with more than 13 years of experience designing and building contemporary software solutions, optimizing systems for scalability, stability, and efficiency. A Leader, removing impediments, collaborating with internal and external stakeholders, and meeting project deadline on-time, within budget and exceeding client expectations.

Qualifications Summary

- System Optimization
- Software Engineering
- Data Analysis
- Project Management
- Strategic Planning
- End User Engagement
- Troubleshooting
- Server and Network Maintenance
- DevOps

Technical Proficiencies

Environments:	Node.JS, .NET
Languages:	JavaScript & Typescript, C#, SQL/TSQL, Swift, Python, Java, HTML/CSS
OS:	iOS, iPadOS, Linux(Ubuntu), Windows Server & Desktop
Technologies:	React, RESTful API, SQL, ORM, MongoDB, SwiftUI

Professional Experience

Aerospace Coatings International, Oxford, AL

Senior Software Engineer   **07/2021 – Present**

Team lead that developed suite of mobile apps to modernize business work flows. Designed and developed APIs to support multi-client environment. Mentored junior developers. Revamp existing systems to meet security requirements (NIST 800-171)

- Designed and implemented software solution for lean six sigma program that improved customer turn time by 35%.
- Implemented security standards in software to meet DOD regulations. Helping secure $6M in contracts.

IT Manager/Lead Software Engineer   **05/2015 – 07/2021**

Spearhead modernization of backend and front-end infrastructure. Automate systems. Optimize workflows. Migrate antiquated infrastructure. Design and develop Web and iOS applications. Manage staff and business operations.

- Reduced processing time by 65 percent, improved error rate, and produced detailed reports by automation and optimization of legacy systems.
- Garnered $1M investment in inventory exchange system program that optimized business functions.

05/2013 – 05/2015

Software Engineer

Designed paid time off management system. Developed tracking systems with regulatory requirements integrated.

- Decreased paper use by 95 percent with implementation of paid time off management system.
- Advanced efficiency by reducing time to assign jobs by 40 percent.

01/2010 – 05/2013

IT Internship – Web Developer/Technician

Led troubleshooting team. Constructed IT assignment and inventory system. Oversaw network infrastructure and server, ensuring 99 percent stability. Fostered end-user relationship by promoting "Here When You Need Us," program.

Education

Master of Science in Data Science, 2017
Indiana University, Bloomington, IN

Relevant Coursework: Machine Learning, Distributed Computing, Cloud Computing, Information Visualization.

Bachelor of Science in Computer Information Systems, 2013
Minor: Business Administration
Jacksonville State University, Jacksonville, AL

Relevant Coursework: Software Engineering, Database, Programming, Operating Systems, Networking, Web Services.

Affiliation

Omicron Delta Kappa, Upsilon Pi Epsilon