

## PROFESSIONAL SUMMARY

Skillful IT Leader with a rich history of delivering IT projects and programs in diverse sectors including Manufacturing, Retail, Government, and Professional Services. Competent in driving IT projects and programs, including ERP system operation and upgrades, cloud migrations, process automations, and system integrations. Managed projects ranging from 6 months to 2 years and budgets from \$500K to \$2M. Built and developed high-performing teams of 5 to 60 members comprised of full-time employees and contractors.

Proven record in inspiring and guiding teams and fostering innovation through team collaboration and business alignment. Skilled in transforming business objectives into technical strategies and tactics. Strong problem-solving, sound decision-making, and skilled at conveying technical concepts to non-technical stakeholders and vice versa.

With a degree in Computer Science with specialization in Software Engineering, a Master's in Project Management, a certification in Project Management, and a certification in Full Stack Web and Mobile Development, expert in Waterfall and Agile approaches and skilled in DevOps practices, cloud technologies, and web and mobile programming languages such as C, Java, and JavaScript to name a few.

## EXPERIENCE

**The Azek Company**, Chicago, IL, USA

**October 2021 – Present**

### **Senior Manager, ERP Systems**

As the Senior Manager of ERP Systems at The Azek Company, I manage a team of several application architects, software engineers, and business system analysts supporting critical business systems such as Oracle JD Edwards (JDE), DSI, EDI, Salesforce, EPM, and over 50 business system and integrations through a hybrid Waterfall-Agile approach for product delivery. Every day, I handle multiple tasks, make decisions and solve problems about business system automations and technology choice, and nurture a culture of collaboration, alignment, and IT governance in the team. This dedication has been key to my and my team's success in delivering complex projects and programs.

- **JDE System Upgrade and Cloud Migration:** Oversaw the seamless upgrade of JDE to the latest version and its migration to Microsoft Azure including key system integrations. This included effective verbal and written communication of progress to the project sponsor and leadership team. Completed the project on time and on budget and met all quality and business requirements, including IT compliance.
- **Azure Optimization Strategy:** Planned and implemented a strategy to increase performance and decrease costs on our cloud infrastructure on Azure through capacity reservations, automation, and resource allocation to match service level requirements. This strategy resulted in annual savings of over \$150K and elevated service quality, a key milestone towards the IT team's operational and financial excellence.
- **AP Automation Project:** Championed the inception of the AP Automation Project, a shift in paradigm in accounts payable management. Through modern OCR technology, workflow automation, JDE integration, and digital invoice management, this initiative is designed to redefine efficiency standards, eliminate errors, and strengthen supplier relationships, key business requirements for project success.

**G&W Electric**, Bolingbrook, IL, USA

**May 2021 – October 2021**

### **Senior IT Business Systems Analyst**

Implemented JDE projects for Customer Service, Sales, and Manufacturing. Through collaboration with technical and functional colleagues, orchestrated the delivery of automation projects using modern technology such as Web Services, APIs, and Orchestrator. Responsible for the entire product life cycle including configuration and application development, acceptance testing, implementation, integration, and support. Handled multiple tasks and supported daily business operations while working independently or as a team member.

- **Strategic Partnership & Stakeholder Management:** Championed the successful implementation of diverse solutions by developing strategic alliances with key stakeholders. Negotiated needs and expectations from multiple users while handling multiple tasks, aligning projects with business objectives. This ensured seamless project implementation and laid the foundation for sustained project success.
- **Collaborative Solution Development:** Forged a dynamic partnership with business systems analysts, developers, and application architects. Transformed business requirements into results-driven solutions aided by the team's expertise, and in other cases, by working independently. Through careful oversight of product delivery, ensured the flawless implementation of requirements by thoroughly testing solutions before UAT and before deploying to production. This pursuit of excellence elevated the quality of our service delivery.
- **Process Optimization & Leadership:** Conducted detailed assessments of existing business process flows, identified areas for improvement, and implemented strategic system automations. Assumed leadership roles in projects, managing scope, schedules, priorities, relationships, and communications, ensuring seamless collaboration, adherence to deadlines, and successful project outcomes.

**Kansas University**, Overland Park, KS, USA

**March 2021 – August 2021**

**Full Stack Web and Mobile Developer (Hands-on Training)**

Developed a host of over 20 web and mobile projects showcasing mastery in JavaScript, MERN, GraphQL, Redux, and Stripe technologies amongst many other technologies. Advanced from Full Stack Developer to Project Manager displaying progressive leadership. Maintained dynamic GitHub repository demonstrating continuous learning and mastery in modern web and mobile development frameworks.

**Compass Minerals**, Overland Park, KS, USA

**February 2018 – August 2020**

**Manager of Applications Development**

Led a team of internal and external application architects, software engineers, and business system analysts through the application development and support of JDE, DSI, EDI, Salesforce, OTM, Hyperion, and over 50 business system and integrations. Managed vendor relationships and workload in support of project requirements and product vision. Planned and implemented a digital transformation initiative, adopting SOA framework and iPaaS solutions.

- **ERP System Optimization:** Managed the rebuilding of the JDE and BI systems through a portfolio of 10 selected projects aimed at meeting new business requirements, process flow, and product vision. Managed the upgrade of the EDI system to support new transactions, implemented a new process flow for exception handling that was user friendly, and renegotiated the vendor relationship. Acted as an assistant to the interim VP of IT, the leading force behind this initiative, through the program implementation.
- **Digital Transformation Architecture:** Architected and led the initial phase of the shift from a traditional monolithic structure to a modern SOA architecture using Mulesoft. Led the evaluation of iPaaS solutions and vendors. This initiative paved the way for building seamless application integration using modern technology, catalyzing the company's digital evolution.
- **Operational Excellence:** Forged a culture of operational excellence and individual growth in the team through a knowledge transfer and training program that fostered continuous skill development and empowered each team member to reach their highest potential. This elevated the team's capabilities and became the cornerstone of the team's success.

**Scot Forge**, Spring Grove, IL, USA

**October 2013 – February 2018**

**Senior JDE Analyst / Developer**

Orchestrated a range of application development and Artificial Intelligence initiatives aimed at enhancing operational excellence within the business. Engineered a complete quality management system, including its integration with a legacy system. Developed the next generation of software engineers through mentorship. Architected and executed an AI/ML project to predict mechanical properties in forged products which opened new horizons and revolutionized the business's approach in using this new technology.

- **JDE Enhancement & Optimization:** Led application development enhancements for JDE that revolutionized process flows for Customer Service, Sales, Manufacturing, Procurement, and Finance. Using my strong analytical skills and hands-on application development experience, pioneered an innovative quality management system with seamless integration with other JDE modules. This system improved user productivity to new heights and ensured the accurate tracking of the cost of quality in the Manufacturing operation.
- **Legacy System Integration:** Optimized complex integrations between JDE and the legacy system that reduced errors, and elevated user productivity to new heights. Architected a uniform system integration using APIs and Web Services, harnessing my expertise in C, Java, .Net, and PL/SQL. This approach ensured flawless data integration and marked a significant leap forward in our capabilities for application integration.
- **Innovation & AI Implementation:** Architected and executed a novel project to predict mechanical failures in forged products using AI achieving an accuracy rate exceeding 80%. Collaborating with a dedicated team and working independently at times, demonstrated the use case to the COO and CIO and started works to operationalize this novel technology in the live environment. This achievement showcased my skills in the application of novel technology to solve a business problem.

**Boumatic, Madison, WI, USA**

**May 2012 – September 2013**

**JDE Analyst / Developer / OBIA Architect**

Architected and developed seamless integrations between the JDE, CRM, and BI systems, enabling smooth data exchange using Java and XML. Through strategic collaboration with the CFO/CIO, democratized the use of the BI system and optimized the investment by enabling new dashboards and KPIs for decision-making and procuring additional product licenses. The result was a staggering 150% surge in user adoption coupled with a substantial reduction in license costs.

**OCAL, S.A., Managua, Nicaragua**

**March 2005 – March 2012**

**Manager of Applications Development**

Led a dynamic team comprised of application architects and software engineers through the implementation and maintenance of key business systems including JDE, SFA, WMS, HCM, Payroll, and BI. In strategic alliance with IT peers, orchestrated measures to optimize technology investments with emphasis on automation, mobile, and cloud solutions. These measures streamlined business processes and sparked a wave of innovation that resulted in the successful implementation of the modern applications highlighted above.

- **Strategic Leadership & System Innovation:** Led software engineers and consultants through the implementation of the JDE, SFA, WMS, and BI systems, and orchestrated seamless application integrations that revolutionized the business operation. Pioneered the implementation of the SFA, CRM, and WMS solutions, enabling mobile sales order processing, inventory management, account management, and real-time integration with JDE, improving overall business efficiency.
- **Advanced Technology Implementation:** Implemented OBIEE, enhancing the analytical capabilities and enabling data-driven decision-making for the business. Unified fragmented data sources into a robust, centralized data warehouse, and developed KPIs for key domains such as Sales, Marketing, Logistics, and Finance. This initiative redefined the essence of strategic planning now based on real-time data.
- **Strategic IT Collaboration & System Optimization:** Partnered with the IT Director and key managers to architect technology strategies focused on revenue optimization, regulatory compliance, and market competitiveness. Established change management and security policies to ensure IT governance, and the integrity and security of critical systems and their data. Acted as an assistant to the IT Director in the formulation of other IT management initiatives aimed at improving business performance and reducing costs, for example, through the move of the JDE system to a private cloud and the implementation of effective business continuity plans.

**Inter-American Development Bank – Managua, Nicaragua**

**February 2004 to September 2004**

**Systems Manager (Consultant)**

Managed the strategic planning and execution of the SIGPRO Project, collaborating closely with the Program Director. Led a team of application architects and software engineers in developing applications in PHP, JavaScript, Borland C, XML, MySQL, SQL Server, Apache Tomcat, and OLAP O3. Successfully rolled out the project, providing ongoing support and overseeing maintenance activities. Acted as an assistant to the Program Director in the execution of the program and project objectives through verbal communication and written communication with leading national academic figures.

**Inter-American Development Bank – Managua, Nicaragua**

**May 2001 to February 2004**

**Software Engineer**

Collaborated with senior architects and engineers on the e-SIGFA Project, a comprehensive web system for government financial data. Designed and executed a prototype using Java, JSP, Servlets, Oracle Database, PL/SQL, creating a robust framework for new applications. Led crucial application and report development with Oracle technologies, ensuring system efficiency. Implemented a Microsoft technology stack for remote government institutions with limited Internet access.

## **EDUCATION**

**Master of Science in Project Management**, University of Wisconsin, Platteville, WI

**Bachelor of Science in Computer Engineering**, National University of Engineering, Nicaragua

## **CERTIFICATIONS**

**Project Management Professional Certification**, Project Management Institute, Newtown Square, PA

**Full Stack Web and Mobile Development Certification**, Kansas University, Overland Park, KS

## **PROFESSIONAL TRAINING AND DEVELOPMENT**

- Achieved Certified Associate of Business Intelligence with expertise in Oracle BI Analysis, Dashboards, and Data Warehouse Administration, demonstrating proficiency in business intelligence tools and data management.
- Attained proficiency in Informatica Power Center 9.x through comprehensive training in administration and development, equipping with skills in data integration and ETL processes.
- Completed extensive training in Java, JavaScript, HTML5, Oracle Service Bus, SOA Suite, and various Oracle technologies, enhancing skills in web development, administration, and database management.

## **TECHNOLOGIES AND PLATFORMS**

JDE, JDE, CRM, EDI, DSI, WMS, VCP, OTM, BI, Salesforce, AI, SOA, Java, PHP, C, JavaScript, Informatica, ODAC, MuleSoft, Magic XPI, SaaS, PaaS, Oracle Database, Microsoft SQL Server, Oracle MySQL

## **PROFESSIONAL ASSOCIATIONS**

- Project Management Institute (PMI)
- Association for Computing Machinery (ACM)

## **LANGUAGES**

English (Fluent), Spanish (Native), German (Intermediate)