



ROY LEDFORD

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Summary

Passionate and dedicated Technical Manager and Software Developer seeking full-time employment with a software development company



Overview

20 years' experience in Software Engineering, Support and Project Management. A talent for organizing difficult projects, analyzing problems, developing and simplifying procedures, and finding innovative solutions to complex problems.

Demonstrated excellent verbal and written skills and can convey deep technical issues to any audience.

Subject matter expert for design and engineering related applications, tools, and work processes.

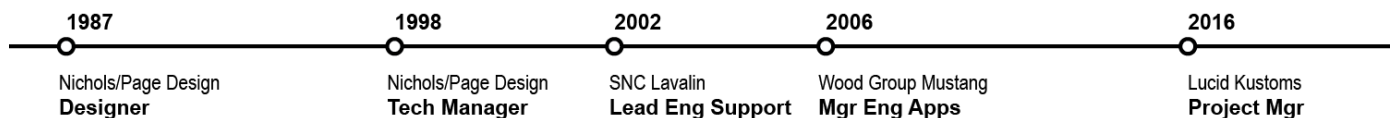


Skills

VB, C#, .NET, MS Access, Lisp, SQL, AutoCAD, AutoPlant, CadWorx, Object Oriented Programming, Relational Database Design, Agile, Scrum Master



Work History



Lucid Kustoms – Custom Build Project Manager

Report directly to president and owner. Responsible for project management of all custom builds, work directly with Parts Manager, Service Manager on all high-dollar custom motorcycle builds.

Develop and implement new processes and procedures to increase collaboration between all departments. Institute new Agile processes to coordinate all aspects of build process resulting in a 50% reduction in schedule time and 25% reduction in costs.

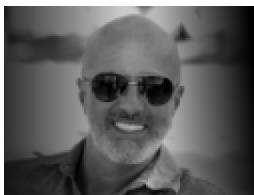
Manage all aspects of IT and software use within the company. Develop new technology plans to improve communication and productivity. Design and implement new corporate web site.

Wood Group Mustang – Manager Engineering Apps

Reported directly to executive team. Responsible for development of engineering software vision and strategies. Manage team of 25, prepared department budgets, mentored staff, and provided servant-leadership for Engineering App team.

Restructured development and support departments to provide leadership and outstanding customer service to multi-disciplinary business units.

Implemented Scrum framework and methodologies for software development tasks.



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Recruited and built highly successful support team for a 10 year 9 billion dollar project for EnCana Oil and Gas.

Managed development groups for numerous in-house software applications. The tools developed increased productivity saving thousands of man-hours per project.

Developed department 'Execution Manual'. This document is used by all project members and created a 10% reduction in overall project manpower.

Established and managed internal knowledge base and helpdesk resulting in 50% reduction in support response time.

Implement AutoCAD tool library that reduced time to roll out new software by 90% and provided a consistent built-in interface for all developers.

SNC Lavalin - Lead, Engineering System Support

Discipline lead supervising three person team responsible for implementation and support of engineering software for Petro-Canada RCP projects.

Developed procedures and documentation for use of Bentley AutoPlant.

Develop and implement custom Quality Control / Quality Assurance application and reporting for 3D design models. Reports reduced errors in construction by 90%.

Create custom clash-check reporting application and procedures for project use. Reduced construction RFIs by 75%.

Develop custom Material Take Off reports for use by Materials Management. This reduced the total MTO process from 10 hours to 10 minutes.

Develop Isometric tracking system providing instantaneous access to the latest revision of 15,000+ documents resulting in saving of over 1,500 man-hours on project.

Instituted and ran weekly Quality Moment meetings. The meetings provided a mechanism to review current model status, tips and tricks, mini training sessions and procedural updates to the design staff.

Develop specialized ad hoc reporting procedures and templates for use by support team. This reduced time to provide ad hoc reports to team members by 80%.

Nichols/Page Design – Technology Manager / Designer

Developed Visual FoxPro, Visual Lisp and Visual Basic Applications and oversaw systems administration of internal network. Manage entire life cycle of application development from installation, customization, debugging, and deployment. Managed annual budget, evaluated new software and hardware purchases, and provided technical support and guidance to staff.

Tasked with migration of an existing FoxPro 2.6 Workflow management application to Visual FoxPro. The migration consisted of solving many UI and architectural issues with the existing application. The application saved \$170,000+ per year in recouped man-hours.

Negotiate new contracts with Telecom and Data resulting in \$2,000 savings per month in service charges and fees.

Develop custom AutoCAD application to generate drawings for Discovery Zone Co. Reduced an eight-hour process to 10 minutes and allowed the firm to outperform two competitors with larger staffs.

Production coordinator guiding a team in field measuring over 3 million square feet of facilities in 220 locations for Florida Power & Light.