RYAN MOOS

PROJECT MANAGER / DEV OPS ENGINEER / ARTIFICIAL INTELLIGENCE

Denver, Colorado USA
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(832) 693 – 4715
GitHub Portfolio

Engineer specializing in **project management and workflow automation**.

Experience in complex project design, planning, scheduling, and **day-to-day project management** for multiple Fortune 500 clients.

History of designing and developing **custom business solutions** to meet specific needs for internal and external clients.

PROFESSIONAL EXPERIENCE:

ACCENTURE PLC: *June 2014 – Current*

Project Manager (September 2017 – Current)

- Manage multiple project work streams for multi-national telecommunications client.
  - o Manage complete project lifecycle including planning, scheduling, daily progress tracking, risk mitigation, system testing, product launch, performance measures and controls.
  - o Manage third party software development supplier through extensive communication to resolve development issues.
  - o Construct and conduct executive level presentations and reports on a daily basis.
  - o Work regularly with Operations to identify risks and install risk mitigation plan to ensure objectives and deadlines are met.
- Develop numerous technical data solutions to assist with management of the overall project and its components.
  - o Develop custom solutions to consolidate thousands of data points from multiple sources into executive reports utilizing automated dashboards.
  - o Design and utilize NLP and automation to identify and resolve common issues identified from IT trouble tickets opened by system users.
  - o Implement a number of Machine Learning Algorithms to better track and predict trending patterns on issues that arise from the project.

Sr. Automation Analyst (June 2014 – September 2017)

- Developed complex custom solutions, for internal and external clients, including analysis, design, modeling, development of workflow and process automation. Examples include:
  - o Dynamic tool for system upgrades which reduced workflow time by 400%.
  - o System generator which reduced remote development process time by 900%.
  - o Internal financial forecasting tool to standardize cost proposals for oil and gas automation control projects.
- Designed and developed a custom monitoring system providing a cost-effective alternative with full scale capabilities.
- Designed custom solution for clients using machine learning algorithms to predict failures.

SKILLS:

TECHNICAL: Software Design, Robotics, Industrial Control Systems, Industrial Networks, Process Control and Feedback, PID Control, VFDs, App Development, Optimization, Server-Side Scripting, Agile Workforce, Data Analysis and Machine Learning, NLP

OS: macOS, Windows, Linux

SOFTWARE: Microsoft Word, Microsoft Excel, Microsoft PowerPoint, Microsoft Office, Microsoft Access, Microsoft Visio, Microsoft Project, Microsoft PowerBI, Microsoft Azure, Xcode, Xamarin

CODE: C, C++, Python, R, Swift, C#, HTML, CSS, JavaScript, SQL, Node.js, React, MATLAB, Visual Basic, Ladder Logic

MACHINE LEARNING: Pandas, scikit-learn, NumPy, Matplotlib, TensorFlow, Turi Create, CoreML, AutoML

DEV OPS: Git, Docker, Docker Swarm, AWS, Jenkins, Jira

HIGHLIGHTS:
- Handle **multiple projects simultaneously**
- Manage and report on project status using **automated machine learning workflows**
- **Achieved project record** man hour savings through **workflow automation**
- Lead **problem solver** using root cause analysis
- Develop and implement **project standards** to improve efficiency

EDUCATION:

B.S. Mechanical Engineering
Colorado School of Mines
Golden, CO

A.I. Product Manager
Udacity
Nanodegree

AFFILIATIONS:
- American Society of Mechanical Engineers (2012-2013)
- NCAA Football (2009-2011; Lettered 2010)