David R. Foley, PMP, CSM

Indianapolis, Indiana Area ⬥ 812.343.8939 ⬥ davidrfoley@comcast.net

SENIOR PROJECT MANAGEMENT PROFESSIONAL

A highly adept software engineering and IT professional with a robust, varied background in project management and other leadership roles.

Seeking a stimulating program/project management opportunity as I continue my pursuit to make a positive impact in an organization's business and culture, as well as enrich my own life through professional and personal accomplishment.

SELECTED ACHIEVEMENTS

Led delivery of production-level radar component software for Aptiv, meeting customer timing and quality requirements.

Led on-time delivery of multiple successful iterations of Eli Lilly manufacturing IT systems.

Created and led PMO for the engineering & software services division of LHP Engineering Solutions.

PROFESSIONAL EXPERIENCE

Aptiv / Kokomo, IN   March 2018 – May 2020

Systems-Software Project Manager
Led an embedded software development project for multiple radar components in an advanced driver-assistance system (ADAS) for a major North American automotive OEM customer.
- Project used both traditional and agile (AutoScrum) methods in a "V model" software life cycle development project, meeting Automotive SPICE process compliance.
- Led planning of software, systems, and testing competencies activities for each project stage/sprint to meet aggressive customer timelines.
- Monitored and tracked project progress, managed project risks, prioritized project work, and led problem resolution / change management activities.
- Reported project status and performance to internal management and to external customers.
- Managed offshore supplier relationships across global time zones.
- Worked in conjunction with other ADAS component project managers and lead engineers to synchronize deliveries and coordinate program/project activities.
- Worked closely with other Quality Assurance, Manufacturing, Advanced Engineering, Cybersecurity, and other teams within the organization to deliver quality products.

BC*forward* / Indianapolis, IN   2016 – March 2018

Consultant, Project Management Services
Managed multiple IT projects in manufacturing and research & development at Eli Lilly.
- Developed project plans & schedules, led cross-functional project execution meetings, managed project risks and issues, and reported project status and metrics to the business, to the IT PMO, and to other project stakeholders.
- Project teams included members from business, IT (local & global/offshore), engineering, automation, scientists, and manufacturing operations.
- As a member of the Lilly IT Project Management Office (PMO), utilized standards & templates, contributed improvements back to the PMO, and networked with project managers across the company to help implement best practices.
- Utilized critical chain project management, with iterative & waterfall development.
- Manufacturing program recognized as one of the project winners of the Lilly 2016 Global IT CIO Awards.

CERTIFICATIONS, SKILLS, & TOOLS

CERTIFICATIONS

PMI Project Management Professional (PMP), Certified Scrum Master (CSM)

PROJECT MANAGEMENT

Agile/Scrum, MS Project, Critical Chain, ProChain tools, PMBOK Training & Application, Earned Value Management

APPLICATION LIFECYCLE MANAGEMENT

Jira, Microsoft TFS, IBM Rational ClearCase / ClearQuest, PVCS

KEY TRAINING

ScrumMaster (2020, 2017), AutoScrum (2018), Agile Boot Camp (2017), Project Management Academy Boot Camp (2016)

PROCESSES / STANDARDS

ASPICE, FDA cGMP, ISO 9001:2008, Six Sigma Processes & Tools, On-Board Diagnostics (OBD), FMEA, CMMI, SAE J1939/J1587/J1708

REQUIREMENTS MANAGEMENT

Polarion, DOORS, TeamCenter, RequisitePro

SOFTWARE DEVELOPMENT

SDLC: Agile/Scrum, V-Model, Iterative & Incremental, Waterfall
Design/Coding: UML, Object-Oriented Modeling, Rational, Rose, C++, MS VBA, COM, Java, XML, Ada, Pascal, Fortran, BASIC

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LHP Engineering Solutions / Columbus, IN   2009 - 2015

Director, Process Improvement & Quality (2014-2015)
Led process improvement efforts across all disciplines in the engineering services organization. Responsible for Quality Management System (QMS) and ISO 9001:2008 compliance/certification.
- Prepared organization for audits and led management reviews of the quality system.
- Reported Key Performance Indicators (KPI's) for organization's quality system objectives.
- Consulted for an emerging product development business unit to create new development processes and integrate with the quality system.

Director of Project Management (2009-2013)
Created and led PMO for a new engineering & software services division of LHP. Majority of projects enhanced client automotive & other powertrain systems, utilizing the company's strength in embedded software and control systems engineering.
- Managed a pool of project managers allocated to a portfolio (30-40) of engineering services projects for external customers. Assisted the divisional president in managing operations.
- As project manager, executed & monitored multiple projects, managing project schedules & budgets. Reported status to management, customers, and the project team.
- Supported organizational leadership and business development managers in the development of project proposals / statements of work.
- Developed project management processes and templates adapted from key elements of PMI's Project Management Book of Knowledge (PMBOK). Developed and reported measures supporting the organization's business objectives Quality Management System.

Cummins, Inc. / Columbus, IN

Diagnostic Systems (OBD) Engineer (2007-2009)
Supported development, planning, and tracking of diagnostic software requirements / algorithms to meet 2010 EPA/ARB regulations for automotive diesel On-Board Diagnostics (OBD).
- Responsible for OBD certification documentation for heavy-duty engine programs.
- Managed $2M outsource of engineering services to improve Cummins OBD design.
- Selected to Cummins world-wide project management functional excellence team.

Lead Project Manager (2004-2007)
Responsible for project management activities for a large, complex service diagnostic tool application (100-person development/test team – 80% outsourced / 60% outsourced offshore; annual budget of $6M.)
- Led a 3-person project management team to develop project contracts and negotiate deliveries with internal customers, delivery partners, and internal suppliers.
- Improved the project management process, resulting in on-time delivery performance – previous releases were regularly several months late.
- Improved product quality by reducing number of high customer impact problems reported at service tool delivery - from dozens per release to a manageable few.
- Negotiated contracts with internal customers, delivery partners, and internal suppliers.
- Developed project charters to improve early planning of software development cycles.
- Sponsored a successful DMAIC Six Sigma project that reduced the cost of diagnostic tool system testing, saving the company about $300K per year.
- Sponsored a successful Design For Six Sigma (DFSS) project to improve customer satisfaction by better utilizing the diagnostic tool during engine field testing.

BUSINESS OPS TOOLS
Master proficiency using MS Excel and SharePoint. Proficiency with MS Office (Word, Excel, PowerPoint, Visio, Outlook), Skype, WebEx, Confluence, MS Teams

SOFT SKILLS
Strong analytical and problem-solving skills. Excellent listening and communication skills.

EDUCATION
Bachelor of Science, Electrical Engineering, Rose-Hulman Institute of Technology, Terre Haute, Indiana

PROFESSIONAL ORGANIZATIONS
Member of Project Management Institute (PMI) and associated Central Indiana Chapter (PMI CIC), Member of Scrum Alliance

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Prior Software Engineering Roles
Cummins, General Electric, McDonnell Douglas

Responsible for requirements for diagnostic tool application and for common component software.

Created DOORS requirements data architecture, developed requirements, and developed software applications for diesel engine manufacturing.

Led electronic controls software team for automotive diesel engine applications.

Developed & tested embedded Ada software for DoD vehicle, aircraft, & submarine systems.

David Foley

- Noblesville, IN, USA

Contact Information

- 7go-st5-hqu@mail.dice.com (Preferred)

- 8123438939 (Preferred)

Work History

Total Work Experience: 17 years

- **Systems-Software Project Manager | Aptiv**
  Mar 01, 2018 - May 01, 2020 | Columbus IN United States

- **Consultant, Project Management Services | BCforward**
  Feb 01, 2016 - Mar 01, 2018 | Columbus IN United States

- **Director, Process Improvement & Quality | LHP Engineering Solutions**
  Jan 01, 2014 - Dec 01, 2015

- **Director of Project Management | LHP Engineering Solutions**
  Jun 01, 2009 - Dec 01, 2013

- **Diagnostic Systems (OBD) Engineer | Cummins, Inc.**
  Jul 01, 2007 - Feb 01, 2009

- **Lead Project Manager | Cummins, Inc.**
  Jan 01, 2004 - Jul 01, 2007

Skills

- **microsoft excel** | 16yrs | 2020
- **microsoft project** | 16yrs | 2020
- **project management** | 16yrs | 2020

- **waterfall** | 16yrs | 2020
- **change management** | 15yrs | 2020
- **requirements management** | 10yrs | 2020
- **risk management** | 10yrs | 2020
- **vendor relationships** | 10yrs | 2020
- **qms** | 10yrs | 2020
- **confluence** | 2yrs | 2020
- **jira** | 2yrs | 2020
- **agile / scrum** | 2yrs | 2020
- **iso 9001** | 6yrs | 2015
- **microsoft tfs** | 3yrs | 2013
- **agile**
- **scrum**
- **tfs**

Work Preferences

- Likely to Switch: Most Likely
- Willing to Relocate: No
- Work Authorization:
    - US
- Work Documents:
    - US Citizenship
- Security Clearance: No
- Third Party: No
- Employment Type:
    - Contract - W2
    - Full-time
    - Contract to Hire - W2

Profile Sources

- Dice:
https://www.dice.com/employer/talent/profile/e4b1625e6bd0716ab764ad62e9f494aad91
8d524