

Allman Professional Consulting Inc. Technical Project/Program Management

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SUMMARY

- Project Management Institute (PMI) Certified Project Management Professional (PMP).
- Over eight years of IT project management experience spanning a broad range of industries.
- Excellent project management, strategic planning, leadership, team building, and mentoring skills.
- Extensive software architecture, design, and development experience utilizing several methodologies (e.g., RUP, Waterfall, Agile).
- Adept at quickly understanding, evaluating, and leveraging new technologies.
- Comprehensive communication and presentation skills, to management, customers, and team members.
- Past clients: Perot Systems, Genzyme, First Marblehead, Fidelity, Boeing, American Power Conversion, Raytheon, Allaire, NASA, and Enron.

PROFESSIONAL EXPERIENCE

Consulting Senior Project Manager

September, 2008 to Current

Harvard Pilgrim Health Care, Quincy, MA.

- Manage multiple concurrent IT enterprise data warehouse (EDW) and business application projects.
- Manage project scope, schedule, resources, team and management communications, and budget.
- Research and develop project proposals, including budget and resource forecasts.
- Responsible for overall project success, driving projects from initiation to close.

Skillset: Novell, Windows XP, MS Office, Scrum, MS Project, Mercury ITG, Project Reporter, VMware, Lotus Notes, WebEx, and PeopleSoft.

Consulting Senior Project Manager

May, 2007 to September, 2008

Genzyme, Framingham, MA.

- Manage up to seven concurrent IT infrastructure, software development, and business application projects.
- Manage project scope, schedule, resources, team and management communications, and budget.
- Manage vendor selection process and engagements, including authoring RFPs and Statements of Work.
- Responsible for overall project success, driving projects from initiation to close.
- Track and manage project execution using Earned Value PM.
- Projects include server virtualization (VMware ESX on HP blades), mobile CRM (SalesLogix, Blackberry) requirements and analysis, Veritas NetBackup 6.x upgrade, data warehouse/datamart migration and enhancement, Project Management Office (PMO) process development, and virus/patch response process development.

Skillset: Linux, Windows XP, MS Office, MS Project, Borland Tempo, VMware, Livelink, WebEx, SalesLogix, and webMethods.

President and Entrepreneur

March, 2004 to Current

Allman Professional Consulting, Inc., Walpole, MA.

- Provide expert IT project management services in a wide range of industries.
- Emphasis on maximizing value by working directly with end clients.
- Expert in working in fast-paced, agile, and multi-project environments to deliver projects on-time and on-budget.
- Architect, design, and develop the BusinessMsg J2EE/AJAX plug-in IM/IC product.
- Feasibility, marketing analysis, and business plan development for start-up to do custom Global Positioning System (GPS) consulting and product development.

Skillset: Linux, Windows XP, Rational Rose, UML, JBoss, Weblogic, JDeveloper 10g, Eclipse, NetBeans, Oracle, MySQL, Sybase SQL Anywhere, Optimizit, XSLT, XSLFO, schema, Ant, FOP, Struts, MS Office, OpenOffice, SugarCRM, Hibernate, VMware, Bean Scripting Framework, Beanshell, Design Patterns, J2EE Patterns, Perforce, Subversion, AJAX, HTML, DHTML, CSS, Java, JSP, JMS, JNDI, Session EJBs, Entity EJBs, JDBC, SOAP, JMS, PKI, SSL, Jar Signing, Subordinate Certificate Authority, HTTPS, servlets, Python, and PHP.

Consulting Project Manager

January, 2007 to April, 2007

Fidelity Investments, Marlboro, MA.

- Manage Fidelity eBusiness Security Next Generation Architecture Blueprint project.
- Develop project documents, including the project charter, scope statement, WBS, and management plans.
- Facilitate requirements gathering and review across business units.
- Conduct and facilitate brainstorming/design sessions.
- Track and manage project execution using Earned Value PM.
- Report progress and projections to management.

Skillset: MS Project, Mercury ITG, Documentum, MS Office, MS Sharepoint, OpenOffice, and IBM Lotus Sametime.

Consulting Enterprise Architect

August, 2006 to December, 2006

First Marblehead, Boston, MA.

- Enterprise Architect for the Flexible Pricing project.
- Design and develop Flexible Pricing prototype for rules engine evaluation.
- Participate in enterprise architecture strategy formulation.

Skillset: Windows XP, Linux, Rational Software Architect, UML, Websphere, Oracle, Sybase, Maven, Struts, Design Patterns, J2EE Patterns, Capstone Decision Accelerator, Pega Rules, JBoss Rules, MS Office, MS Sharepoint, OpenOffice, Perforce, Hibernate, Web Services, MQ Broker, Java, JSP, EJB, JMS, JNDI, JDBC, and servlets.

Senior Architect, Project Manager

June, 2006 to August, 2006

Virtusa, Westborough, MA.

- Manage architecture projects at the client site (Iron Mountain).
- Manage both offshore and onshore project team resources.
- Deliver project status presentations to senior client management.
- Conduct architecture, design, and code reviews.

Skillset: Windows XP, Rational Software Architect, UML, SOA, RUP, Design Patterns, J2EE Patterns, MS Project, Websphere, Websphere Portal, JSR 168 Portlets, WSRP, Rational Application Developer, Oracle, LoadRunner, VMWare, MS Office, Design Patterns, J2EE Patterns, StarTeam, Java, JMS, JNDI, JDBC, Web Services, SOAP, SAML, Tivoli, SSL, and HTTPS.

Consulting J2EE Software Designer

April, 2006 to June, 2006

First Marblehead, Boston, MA.

- Design middleware components for the WebFE project.
- Develop middleware and front-end initial implementations for WebFE prototype.
- Evaluate and recommend J2EE architecture and design tools.

Skillset: Windows XP, Rational Software Architect, Visual Paradigm, UML, Websphere, Eclipse, Oracle, Maven, Struts, Design Patterns, J2EE Patterns, Perforce, Java, JSP, JSF, JMS, JNDI, JDBC, Swing, and servlets.

Director of Technology, Project Manager, and Architect

October, 2002 to October, 2005

GBA Health Network Systems, Warwick, RI.

- Direct evaluation and selection of new technologies and tools for product development, deployment, documentation, and support.
- Manage the architecture and development of a product security and support services framework.
- Conduct risk analysis and planning for continuity, contingency, and disaster recovery.
- Manage, architect and contribute to the development of several key subsystems, including a licensing and security subsystem, an XML-based reporting engine, and a data replication subsystem.
- Manage the selection and customization of J2EE app servers.
- Install, manage, and use Microsoft Project and Project Server.
- Evaluate, install and manage revision control systems integrated with all Java IDEs.
- Manage the design and development of supporting components and capabilities, an example of which is an Ant/Java/BeanShell-based installer and upgrader application.
- Participate in the overall architecture, design, and development of the MEDfx Medical Practice Management System.

Skillset: Linux, Windows XP, Windows 2000, Rational Rose, UML, RUP, MS Project, MS Project Server, JBoss, Sun One, JBuilder 7 Enterprise, JDeveloper 9i, Eclipse, NetBeans, Sybase SQL Anywhere, Optimizit, XSLT, XSLFO, schema, Ant, FOP, Struts, VMWare, Bean Scripting Framework (BSF), Beanshell, Design Patterns, J2EE Patterns, CVS, Subversion, Java, JSP, JMS, JNDI, Session EJBs, Entity EJBs, JDBC, JMS, PKI, SSL, Jar Signing, Subordinate Certificate Authority, HTTPS, connection pooling, applets, Swing, servlets, threads, reflection, classloaders, and Perl.

Consulting Lead Software Designer/Developer**July, 2001 to May, 2002**

American Power Conversion, West Kingston, RI.

- Architect, design and develop distributed component software and low-level SNMP functionality for the APC Enterprise Manager product.
- Components include real-time status, SNMP trap table management, and client/server message management.
- Architect, design, and develop an XML-based client/server messaging prototype.
- Lead and mentor a team of contractors and consultants.

Skillset: Windows XP, Windows 2000, JBuilder 5, Visual Age 4.0, MS Project, Design Patterns, Rational Rose, UML, RUP, XML messaging, SAX, Xerces, XML Spy, MSXML4, Optimizit, SNMP, Ant, Lotus Notes, Installshield, MySQL, Delphi 6.0, Object Pascal, Continuous/CM Synergy, M11, Java, J2EE, JDBC, applets, servlets, sockets, and threads.

Consulting Senior Architect**April, 2001 to July, 2001**

Fidelity Investments, Smithfield, RI.

- Architect and implement a scalable, distributed n-tier event handling and messaging capability to replace a legacy system.
- Map out a multi-phased transition and implementation project plan, including scope, deliverables, risk, and quality management.

Skillset: Windows 2000, Solaris, MS Project, Websphere, Sun J2EE 1.3 RI, Visual Age 4.0, MQ Series, Rational Rose, UML, Design Patterns, Perforce, Java, JMS, Session EJBs, Entity EJBs, JNDI, JSP, JMS, and JDBC.

Consulting Senior Software Designer/Developer**July, 2000 to February, 2001**

Allaire Corp., Newton, MA.

- Architect, design, and develop an XML-based B2B workflow prototype components, including the workflow engine, flow and node components, connectors, and communication infrastructure.

Skillset: Windows 2000, Design Patterns, Frameworks, JRun, SQL Server, XSLT, Rational Rose, UML, Visual Cafe, Perforce, Java, RMI, sockets, threads, JavaMail, JNDI, JSP, Session EJBs, Swing, and servlets.

Consulting Lead Software Engineer**August, 1999 to July, 2000**

Enron Broadband, Houston, TX.

- Architect, design, and develop components of the Enron Bandwidth Trading System.
- Research, design, and develop a distributed COM+ publish/subscribe capability prototype.
- Research, design, and develop an XML-based remote object access (XML-RPC) prototype.

Skillset: Windows NT, Windows 2000, Design Patterns, Visual Basic, Rational Rose, UML, SQL Server, Visual Cafe, Visual Studio, Websphere, C++, COM+, InterAgent, Clearcase, Java, RMI, Swing, servlets, Session EJBs, sockets, and threads.

Adjunct Faculty**November, 1997 to May, 2000**

University of Houston Clear Lake, Houston, TX.

- Undergraduate courses in physics and astronomy.

Consulting Lead Engineer**March, 1998 to September, 1999**

Raytheon, Houston, TX.

- Architect, design, and develop various guidance, navigation, and control (GN&C) models for the Space Station Interim Control Module (ICM) trainer.
- Participate in and support Space Station Control Center integration testing/checkout.
- Research, design, and develop of a parallel 26-dimensional optimization algorithm to optimize the propellant flow in the ICM Propulsion/Reaction Control (RCS) system.
- Lead a segment of the contractor team, and provide project management support to Raytheon management.

Skillset: MS Project, SGI Irix, Rational Apex, Ada, and Python.

Consulting Senior Engineer**March, 1998 to September, 2000**

The Boeing Company, Houston, TX.

- Space Shuttle Global Positioning System (GPS) experiments analysis and tools development for real-time, 1553 bus, and off-line telemetry.

Skillset: Solaris, Windows NT, NeXT, C++, Python, Perl, and Mathematica.

Senior Software Engineer/Physicist

August, 1995 to March, 1998

The Boeing Company/McDonnell Douglas Aerospace, Houston, TX.

- Perform engineering analysis, simulation software development, and system administration supporting the NASA/Johnson Space Center Engineering Directorate.
- Projects include a telemetry reader/decoder to process downlink telemetry in several formats (e.g., MIL-STD 1553) and X-38 engineering analysis/algorithm development.
- Organize and teach training classes in Perl and C.

Skillset: Solaris, SGI Irix, cx-ux, QNX, Windows NT, Booch, UML, C++, Perl, Python, Mathematica, RCS, Ada, Java, Unix Shells, Awk, and Fortran.

PROFESSIONAL TRAINING AND ACTIVITIES

Vice-President of Information Technology, December, 2007-Current

Ocean State PMI Chapter, Providence, MA.

Graduate Certificate in Entrepreneurship, School of Management, September, 2007-2008

Boston University, Boston, MA.

Project Management Institute PM Certificate, 2004

Bryant College, Smithfield, RI.

Certificate in Effective Speaking and Human Relations, 1981

Dale Carnegie, Pittsburgh, PA.

EDUCATION

MS/PhD, Physics (Candidate), 1991-1996

University of Houston, Houston, TX.

MS, Physics, 1991

University of Houston Clear Lake, Houston, TX. GPA 3.975/4.00.

BS, Business Computer Science, 1980

Robert Morris College, Coraopolis, PA. Graduated Cum Laude, GPA 3.33/4.00.

PUBLICATIONS

How Project Management Adds Value, Project Management Institute Chapter Meetings, 2009.

Project Management Challenges in the Space Shuttle Flight Design Program, Project Management Institute Chapter Meetings, 2008, 2009.

Modern Astrodynamics, Textbook co-authored with Victor R. Bond, Princeton University Press, 1996.

Parallel Distributed Processing on the Flight Analysis and Design System, AIAA Houston Section Technical Symposium, 1995.

Introduction to the C Programming Language, Textbook written for training at Rockwell, 1994.

Sequential Simplex Optimization, NASA/Rockwell Engineering Review Board, 1995.

Multi-Stage Monte Carlo Optimization, NASA/Rockwell Engineering Review Board, 1995.

Determination of the Performance Optimum Orbital Inclination for Space Shuttle Program Space Station Freedom Support Missions, AIAA Houston Section Technical Symposium, 1992.

AWARDS

NASA Group Achievement Award (SOAR Flight Experiment), 2001.

Who's Who in America, 1997-current.

Who's Who in Science and Engineering, 1994-current.

NASA New Technology Award, 1996.

Rockwell Space Operations Co. Technology Utilization Award, 1996.

Who's Who in Industry and Finance, 1995.

Rockwell Sustained Superior Performance Award, 1990.