

William Allen

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EDUCATION

- Chartered Financial Analyst (CFA) Program, Level 2 Candidate
- Stanford University, Stanford, CA. B.S. in Materials Science and Engineering
- Stanford University, Department of Mechanical Engineering, Undergraduate Research Scholar

PROFESSIONAL EXPERIENCE

GE DIGITAL, SOFTWARE PRODUCT EXTENSIONS (AVIATION), San Ramon, CA

GE Digital connects streams of machine data to powerful analytics and people, providing industrial companies with valuable insights to manage assets and operations more efficiently.

Staff Technical Product Manager

June 2016 - Present

- Manage product scope/specifications and facilitate cross-functional teams for Aviation-specific extensions for GE Digital's Predix platform and Asset Performance Management (APM) product.
- Provide strategic guidance and technical roadmap for software solutions to enable accelerated development by the Aviation Product Solutions teams and maximize Predix and APM capabilities.
- Identify new product opportunities for the APM and Aviation teams, and facilitate co-development of new features and functionality with the APM team.
- Support agile-scrum project management of the engineering team.

GE DIGITAL, INDUSTRIAL INTERNET APPLICATIONS (AVIATION), San Ramon, CA

Consultant, Industrial Internet Applications (Contract via Techworkers)

August 2015 - June 2016

- Using agile-scrum project management, supported software development teams responsible for implementation of Aviation-specific products for industrial platforms. Successful projects included the *iCDL platform* (increased Coverage, Detection, and Lead-time) for monitoring and analysis of aircraft engine operating performance, and its *Fleet Monitor* (engine monitoring) application for use by the GE Aviation Fleet Support team.
- Managed product scope/specifications and facilitated cross-functional teams.
- Managed internal evaluation processes for software deployment to external clients, including open source software, security, and intellectual property reviews.
- Prepared and presented regular demonstrations for product owners and executive team.

GE GLOBAL RESEARCH, ADVANCED SOFTWARE GROUP (ENERGY), San Ramon, CA

Senior Software Product Business Analyst

February 2013 - June 2015

- Using agile-scrum project management, supported 5-10 person software development teams responsible for implementation of energy-focused solutions for industrial platforms. Successful projects included *Intelligent Pipeline Solutions* (the first midstream software solution developed by GE for risk analysis of natural gas pipelines), and *Valve Aware* (a next-generation application for monitoring and diagnostic analysis of pneumatic control valves).
- Managed product scope/specifications and facilitated cross-functional teams (product, program, and engineering) to successfully translate customer needs into product-specific requirements.
- Developed and managed project tools and processes for planning/prioritization, risk mitigation, management review, and software deployment (open source software, security, intellectual property reviews).
- Prepared and presented regular demonstrations for product owners and management.

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EMBARK.COM, San Francisco, CA

June 2007 - December 2011

Embark is a provider of software products and hosting services (Software as a Service) to undergraduate and graduate educational institutions worldwide. Client portfolio included Fulbright Scholarship Programs (IIE), Harvard graduate schools, London School of Economics, and NYU.

Manager of Operations (January 2011 - December 2011)

- Supervised and supported 5-person Operations Unit responsible for implementing 200+ yearly enterprise software projects.
- Managed key account relationships and customer renewals through severe economic downturn, ensuring continuation of approximately \$1.5 million in company revenue.
- Hired, trained, and managed integration of offshore teams for content development and quality assurance. Developed business protocols and determined appropriate resource allocation to optimize workflow among internal and offshore development teams.
- Created, documented and implemented new workflow, process and support documentation, and tutorials/reference materials for internal trainings.
- Managed inflow, evaluation/delegation, and implementation of new and existing product requests, including prioritization schedule and risk mitigation strategies.
- Managed Operations database to monitor workload, capacity and schedules, and inform executive team's strategic planning via weekly reports.

Project/Product Manager (June 2007 - December 2010)

- Managed configuration, implementation and post-production technical support for 60+ projects.
- Formulated product specifications and enhancements for clients requiring customization.
- Developed and executed plans including deliverable schedules, product quality assurance, and risk planning/mitigation for client applications and Embark products.
- Promoted to Manager of Operations, based on strong performance.

ONE INVESTOR'S VIEW, Danville, CA

January 2002 - June 2007

Founder and Publisher

- Produced monthly, web-based independent investment research and analysis for individual investors, and published select articles as contributor to SeekingAlpha.com. Topics included market/economic analysis, equity and fixed income investments, company profiles, and risk management strategy. Archived articles at <http://seekingalpha.com/author/bill-allen/articles>

EMBARK.COM, San Francisco, CA

February 1999 - September 2001

Operations Manager

- Co-supervised team of 5-10 full-time staff and 10-20 seasonal employees.
- As Lead Client Liaison, coordinated technical sales support and product consultation with clients.
- Supervised annual planning and scheduling of product implementation and renewals.
- Prepared weekly business reporting, including dashboard quantitative operations analysis, module/product pipeline, and client reports via internal client service database.

ADDITIONAL SKILLS/BACKGROUND

- Biomedical Engineer, Palo Alto VA; research in orthopedic biomechanics (1995-1997)
- Lean Six-Sigma Green-Belt Certified (GE)
- Software:
 - Client/browser-based: HTML, CSS, JavaScript
 - Server-based: ASP (Classic), Microsoft IIS (web server), Python, Google App Engine
 - Database/datastore + caching: Microsoft SQL Server, Google datastore
 - Embark proprietary ASP-based web app framework, Webapp2 (Python, Google App Engine)
 - Microsoft Office (Word, Excel, Access, PowerPoint)