# Travis Wissink

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# Summary

I am an accomplished software solutions leader with a proven track record of over 20 years in driving transformative initiatives and delivering excellent results. My expertise spans cloud, DevSecOps, data engineering, artificial intelligence, and enterprise architecture, which enables me to lead teams that define, architect, develop, deploy and operate leading-edge solutions that leverage the power of AI and improve enterprise collaboration and decision making.

Throughout my career, I have consistently delivered value by unlocking insights from data and empowering organizations to make data informed decisions. I excel at leading delivery teams, fostering a culture of respect, transparency, skills mastery, and purpose-driven collaboration. With a strong educational background, including a BS in Computer Science, an MBA, and relevant certifications, I am well-prepared to excel in many software solution roles where I can drive technological innovation and shape the future of organizations.

# Education & Recent Training

University of Maryland University College

* BS, Computer Management Information Systems
* MBA

Influential Leadership and Innovation, GE Crotonville.

AZ-303: Microsoft Azure Architect Technologies

AZ-304: Microsoft Azure Architect Design

# Professional Experiences

* all in the Washington DC Metro Area

GE Aviation

Senior Director of Technical Product Management, MSO DT                              2021 to present

I lead a group of technical product owners within the digital technology group focused on the military services org. We manage a set of internal and external solutions. We meet with customers and help define new ways to get more value from their data and software solutions. We largely focus in asset lifecycle management and building out world class demand forecasting solutions.

GE Aviation Digital

GE Aviation Digital is a customer facing software group inside of GE Aviation. I deliver results in two concurrent leadership roles for this provider of data-driven insights for commercial airlines, business jet operators and military organizations. Both positions involve extensive engagement with our customers.

Chief Technology Officer 2018 to 2021

As the CTO for the Military Digital Solutions group I bridge the gap between customer needs and the technology solutions that we offer. Our software solutions help DoD and US foreign ally militaries sustain and maintain their power and propulsion (jet engine) assets. I help bring unique needs of military clients to our group and drive alignment with the product engineering and product management organizations. Then my team works with our customers to demo, PoC, deliver and deploy our solutions in the DoD environments including at the tactical edge.

Senior Director of Software Engineering 2019 to 2021

In 2019, I was asked to lead the global customer engineering function. I led a global 20-person team of customer-facing software professionals engaged in the development of solutions, with authority over a portfolio of projects valued at $15M. We are recognized for successfully executing projects for both military and commercial clients. We collaborate with the commercial sales team to build SOWs including project-based estimates and levels of effort.

Noted Highlights:

* Converted a traditional development lifecycle for one of the products to a highly efficient DevSecOps and CI/CD pipeline. We achieved being and efficient pipeline which allowed approve code to deploy within 20 minutes.
* Built out our customer facing Technical Product Management function which was able to manage both internal product development activities and external consulting engagements.
* On a given day I can present to the executive leadership at a major aviation operators and mentor an early career software engineer by helping to debug some code.

Example Projects

* Build and deploy IoT based solutions that use Artificial Intelligence to help maintain both military and commercial engines.
* A mobile solution for pilots and crew of cargo operators to monitor cargo holds by integrating with the aircraft’s ARINC data buses.
* An internet-based ground station that allows a business jet manufacture to collaborate with their customers and operators by provide data driven solutions to improve the value of their assets.

Oracle Corp 2010-2018

Director of Enterprise Architecture

As a highly regarded and certified Oracle Enterprise (OEA) and Business Architect (OBA), I work on both the professional services and pre-sales side of North America Technology organization. Me and my teams provide customers strategic advice on how to use enabling technology to achieve their desired business outcomes. We do this based on an Enterprise Architecture engagement style based on TOGAF. Since 2013, we had a deep specialization in cloud transformations.

I have a concentration on the following areas:

* Specializing in hybrid SaaS, PaaS, and IaaS cloud environments
* Digital, Mobile and Customer Experiences
* Advanced Analytics, including BigData
* DevOps with CI/CD, Agile, Infrastructure as Code
* Industry-specific reference architectures; communications, government and pharmaceutical

At Oracle I had the pleasure of working with some of the biggest companies in North America and worked with many great technology and business leaders in multiple industries.

Example Projects:

* A large federal agency needed to massively reduce errors and processing time of many types of transactions. I worked with this agency to develop a services-based architecture that included integration and automation tools. Then we devised an organization structure and training plan to transform the technology organization to deploy these new business processes and technologies. Also, established an enterprise architecture governance process to monitor and enhance the architecture roadmap.
* Chemical Manufacture needed to upgrade a several old global technology systems. We architected a solution centered using many Oracle products. I then led the develop of an implementation plan that their implementation partner was able to run with. During this engagement We got to work with many of the company’s SVPs and VPs to formulate business strategies to take advantage of new enabling technology.
* Large global company needed to remove large transaction fees from their accounting practices. We developed a plan to adopt block chain technologies that allowed the various business units to manage their cash in new was and reduced the transaction fees by $20m per year.
* A financial company has a lot of tech debt throughout their environment and needed to modernize and take costs off the balance sheet. Based on Michael Porter’s value chain analysis and using our architecture framework we devised a roadmap that led to significant capex reduction and maintained their opex costs.
* These example projects netted Oracle $120m in sales.

Technology Leadership and Consulting 2001-2010

Solution Architect

As a small business I consulted and contracted on many engagements over my 9 years running this small business. Our projects mainly centered on three enabling technologies in SOA, enterprise Java, and Content Management System (CMS). We built and deployed dozens of enterprise java solutions, implemented a variety of SOA architectures and used handful of CMSs. We were mainly sub-contractors and worked with a few dozen prime contractors. We worked with our primes in many aspects of solution proposal, development and sustainment.

Technologies: JAVA, BEA Weblogic, BEA Weblogic Portal, JBoss, WebSphere Application Server, Websphere Portal, Sonic ESB, Documentum, Interwoven, .Net, Perl, Python (Zope), Oracle App server, Oracle Database, Solaris, Hudson (now Jenkins), Linux, Spring, Apache Foundation

Process: UML, Agile, TOGAF, SOA, XP, TDD

Tools: Eclipse, JSP, J2EE, Jbuilder, NetBeans, , Together J, SQL, RUP, OOAD

Example Projects:

* National Science Foundation. Designed an enterprise architecture to enable the NSF to expand its grant management capabilities to include other grant funding agencies, e.g. DISA. Innovated a new architecture enabling 500% higher user capacity as well as an Agile platform to enable the updating of application features. I led a team of 50 to deliver a solution in 9 months. One achievement on this delivery was that we deployed a continuous deployment set of capabilities that allowed us to deploy enhancements at any time which was leading edge at the time.
* AstraZeneca / MedImmune. Led business process re-engineering and sustainability supporting the implementation of an enterprise-wide content platform that deployed an fully digital submission solution which improved quality control on FDA submissions and communications, lowering the client’s risks and costs from FDA audits. I led all aspects of the technology side of this project which included integration with many other systems and the deployment of a large Documentum environment.
* United States Department of Agriculture. Architected an integrated system that enabled farmers and co-ops to examine commodities data and improve the accuracy of strategic planning. I was the tech lead of a 10 person team that integrated 8 different large disparate database platforms then deployed a business intelligence system that generated many impactful reports for the commodities industry.

# Military Experience

Served in the US Army and the Maryland National Guard as a Mechanized (11m) and non- mech Infantryman (11b).

Speaking Engagement

Examples:

* NSWC Crane, “Data Science: Cleared for Takeoff,” 2019 HackTheMachine
* “Using IoT & Digital Twins to Improve Weapon Availability,” Microsoft DOD Symposium
* “What if you could only choose 50% or your Assets for A Mission,” HP Discover
* “Designing a Hybrid Cloud,” Oracle Open World in San Francisco
* “FEA and Content Integration,” The Gilbane Conference on Government and not for profits