Anthony Whitford

Los Angeles, CA   626.429.7142
mail@anthonywhitford.com   www.linkedin.com/in/anthonywhitford/

Building Competitive Advantage with Technology

Versatile and talented technology executive known for delivering business value and competitive advantage. Hands-on problem solver that enjoys building sophisticated mission-critical solutions. Capital markets experience with a wide range of responsibilities in global asset management. Influential and collaborative for achieving alignment with company mission and objectives. Strategic thinker with strong skills in programming, data management, system architecture, and optimization.

Technology Leadership	Budgets & Planning	Complex Problem Solving	Cross-Functional Collaboration	Coaching / Mentoring
Agile Methodology	Software Engineering	Application Development	Information Security	Data Management

Key Accomplishments

- Built sophisticated, world-class, global investment management platform eliciting digital transformation.
- Collaborated with customers in developing innovative solutions leading to business growth, less operational risk, and lower total cost of ownership.
- Championed best practices and architecture trends resulting in secure, high quality solutions.

Professional Experience

Western Asset Management, Pasadena, CA   **2007-2019**
Head of IT Common Services
Led and managed the IT Common Services group, including application delivery teams tasked with servicing their respective business units, as well as crosscutting teams servicing IT and other application delivery teams. Engaged business leaders and department heads to develop vision, roadmaps, identify projects, and negotiate priority. Served as resource manager of 80, responsible for annual budget of $15M+ and influenced an overall annual IT budget in excess of $60M.

- Led agile transformation, resulting in greater customer engagement, improved transparency, frequent delivery of business value, ability to quickly respond to business needs and optimized rollout risk. Agile transformation involved training, coaching, reorganization, and maturity assessments.
- Saved millions by achieving an industry leading level of automation for pre-trade compliance, resulting in lower failure rates and dramatically lower costs due to compliance exceptions. Replaced vendor portfolio compliance system with a more comprehensive, internally developed software solution.
- Modernized data architecture by leveraging data virtualization, cloud data warehousing, data lakes, and data science platform, enabled advanced artificial intelligence research. Saved days of unnecessary data pre-processing, helping risk management team efficiently run machine learning models.
- Co-developed cloud strategy, determined strategic vendors, established networking, completed cloud security assessment, installed a cloud threat defense solution, created cloud migration assessment framework, adopted a cloud-first strategy for greenfield projects, and explored cloud databases.
- Identified opportunities across application portfolio to replace non-strategic proprietary solutions with COTS and SaaS solutions, resulting in less technical debt and reduction in total cost of ownership.
- Introduced mandatory cybersecurity training and secure coding standards, dramatically reduced known vulnerabilities with an aggressive scanning and patch management program and participated in table-top cybersecurity exercises with law enforcement, resulting in a strong cybersecurity posture and culture.

- Streamlined support experience, cut incident response times by 10 times, and lowered costs by completely automating production control monitoring and teleconference management.
- Developed an *Enterprise Technical Architecture* program. Established and chaired *Technical Architecture Committee* with cross IT representation as decision-making body for technical architecture that improved management of innovation and technical debt, developed talent, and communicated evolving standards.
- Introduced a Business Process Management (BPM) platform and developed client onboarding, termination, and account changes workflows, providing dashboards, process transparency, orchestration of complex inter-department processes, collaboration, escalation, SLA compliance, and continuous improvement platform.
- Created Client Account Reference System (CARS), a master-data-management system for portfolio data, that improved data quality, security, and provided REST web services for application integration.
- Doubled quality assurance capability and addressed key man risks without impacting costs by adopting a hybrid on-shore/off-shore model.

Fischer Francis Trees & Watts (now BNP Paribas Asset Management), New York, NY
Chief Technology Officer   **2005-2007**
Managed the Global Asset Management Technology Group. Oversaw system architecture, proprietary application development, integration projects, and support of key systems, including Portfolio Risk & Investment System Management (PRISM), the global accounting system (Geneva), data feeds, and database administration.
- Connected electronic trading systems to automate front and back office functions, improved trade execution experience, reduced back office resources and settlement risk, and enhanced business scalability.

Additional Relevant Experience
Fischer Francis Trees & Watts (now BNP Paribas Asset Management), New York, NY
Head of Application Development
Managed all aspects of proprietary application development and systems integration projects.
- Built sophisticated, global investment management platform that included risk management, compliance, trading and settlement capabilities for all global assets.

Certifications & Professional Development
Certified ScrumMaster® (CSM), Scrum Alliance, 2017
OWASP Top 10 – Exploitation and Effective Safeguards, OWASP Foundation, 2015

Education
Bachelor of Applied Science (BAS), Computing Science, Simon Fraser University, Vancouver, BC, Canada

Technical Skills
Languages: Java, Scala, SQL, JavaScript, TypeScript, Python, Dart, Kotlin, HTML5, CSS3, C, C++
Platforms: Docker, Linux, Windows, AWS, GCP, Android, iOS
Frameworks: Flutter, Firebase, React, ExtJS, Akka, Play, Spring, Hibernate, Material, Bootstrap, Serverless
Data Management: SQL Server, Oracle, Cloud Firestore, MongoDB, Denodo, Apache Spark, S3, Snowflake
Tools: GitHub, Jenkins, JIRA, Confluence, Artifactory, Apache Maven, Hashicorp Vault, Hugo
Architectures & Concepts: Agile, DevOps, Scrum, Microservices, Twelve-Factor, Reactive, Data-Centric