Anthony Whitford

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Senior Technology Executive
Manage Technology to Drive Competitive Advantage

Versatile and analytical technology leader engaging business leaders to identify and execute on delivering business value and competitive advantage. Capital markets experience with a wide range of responsibilities in global institutional fixed income asset management. Influential and collaborative with talent for achieving team alignment with company mission and objectives. Strategic thinker with strong skills in programming, modeling, 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

- Collaborated with customers in developing innovative solutions leading to business growth and lower operational risk.
- Built sophisticated, world-class, global investment management platform eliciting digital transformation.
- 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 a vision / roadmap, 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, 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.
- Developed formal *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, and communicated standards.
- Co-developed cloud strategy, determining strategic vendors, establishing networking, completing cloud security assessment, installing a cloud threat defense solution, creating cloud migration assessment framework, adopting a cloud-first strategy for greenfield projects, and exploring cloud databases.
- Streamlined support experience, cut incident response times by 10 times, and lowered costs by completely automating production control monitoring and teleconference management. Established central application support team that worked alongside Help Desk to focus on level 1 and 2 support, reducing support burden of application delivery teams.

- 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.
- 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.
- Reviewed application portfolio and identified opportunities to replace non-strategic proprietary solution with COTS, resulting in less technical debt and reduction in total cost of ownership.

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.

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, Groovy, HTML5, CSS3, C, C++
Platforms: Docker, Linux, Windows, AWS, GCP
Frameworks: Flutter, 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
Architectures & Concepts: Agile, DevOps, Scrum, Microservices, Twelve-Factor, Reactive, Data-Centric