

ANOOP RAJ NAIR

Wayland, MA 01778 • 508.353.9080 • anoop.raj@gmail.com
<https://www.linkedin.com/in/anooprajnair/>

Vice President, Technology

Technology executive with 20+ years of progressive leadership experience, driving large-scale enterprise platform strategy, engineering delivery, and digital transformation for a \$1T AUM global asset manager. Proven ability to align technology vision with business objectives, lead high-performing cross-functional teams, and deliver complex AI-driven, data-intensive solutions. Deep expertise spanning Generative AI, RAG/LLM architectures, agentic coding, cloud platforms, and investment technology. Track record of building and scaling engineering organizations, shaping multi-year technology roadmaps, and partnering with C-suite stakeholders to define and execute next-generation capabilities.

Core Competencies

✓ Technology Strategy & Vision	✓ Engineering Leadership	✓ Digital Transformation
✓ AI / ML & Generative AI	✓ RAG & LLM Pipeline Architecture	✓ Agentic AI Workflows
✓ Platform & Cloud Architecture	✓ Data Engineering & Analytics	✓ Investment Technology
✓ Executive Stakeholder Management	✓ P&L / Budget Ownership	✓ Vendor & Partner Management
✓ Agile & Program Governance	✓ Cross-Functional Team Building	✓ Talent Development & Mentoring
✓ Big Data & Business Intelligence	✓ Natural Language Processing (NLP)	✓ Enterprise Solution Design

Technical Skills

AI & ML: Generative AI, RAG Pipelines, LangChain, LLM Evaluation Frameworks, Claude (Anthropic), Claude Code CLI, OpenAI GPT-4o, Prompt Engineering, Vector Databases, Text-to-SQL

Cloud & Infrastructure: AWS (EC2, ECS, Lambda, S3, EMR, Athena, RDS, DynamoDB, Route53), Elastic Search, Redis.io

Languages & Frameworks: Java, Python, TypeScript, JavaScript, React JS, Node.js, Scala, Perl, JSP, Apache Spark

Data & Analytics: HDFS, Hive, Tableau, SQL, Oracle, Data Bricks, Apache Zeppelin, Tomcat, JMS, Symphony Grid, OpenFin

PROFESSIONAL EXPERIENCE

WELLINGTON MANAGEMENT, Boston, MA

2013– Present

VICE PRESIDENT, PRINCIPLE ENGINEER

Senior technical architect and platform strategist for one of the world's largest asset managers (\$1T AUM), serving 900+ investment professionals globally. Drive the design, delivery, and governance of enterprise-scale cross-asset investment technology platforms in close collaboration with the CIO's office and senior leadership.

- **Technology Leadership & Strategy:** Define and own multi-year platform roadmaps and architecture blueprints; present technology strategy, future-state vision, investment plans, and governance models to senior leadership and C-suite stakeholders
- **Engineering Team Management:** Lead and develop a team of 10+ senior engineers, establishing a high-performance culture built on accountability, innovation, and continuous development; serve as principal mentor and technical authority
- **Program Delivery:** Oversee execution of multi-phase, multi-million-dollar technology programs optimizing company technology resources and expanding capabilities; maintain disciplined project management based on speed of decision-making and program visibility
- **AI & GenAI Adoption:** Pioneer enterprise adoption of Generative AI and agentic coding workflows using Claude Code CLI (Anthropic); led hands-on rewrite of core Portfolio Analytics library—accelerating delivery cycles, improving code quality, and establishing AI-assisted engineering as a standard practice

- **Platform Architecture:** Architect and deliver mission-critical platforms processing billions of data points across fixed income, equities, and multi-asset investment workflows; responsible for reliability, scalability, and security at enterprise scale
- **Vendor & Stakeholder Management:** Govern third-party technology partnerships, manage vendor contracts, and align cross-functional business and technology stakeholders across global offices
- **Fixed Income Solutions Team:** Co-built the Fixed Income Rapid Solutions Team, delivering targeted technology solutions for multiple Fixed Income Investment boutiques

Selected Projects

Portfolio Analytics Modernization — Claude Code CLI (Agentic AI)

Leading the complete rewrite of Wellington’s core Portfolio Analytics library using Anthropic’s Claude Code CLI agentic coding tool. Applied AI-assisted pair programming to refactor legacy Java analytics modules, auto-generate test coverage, and migrate performance attribution and risk calculation logic to a modern, maintainable architecture. Significantly reduced delivery cycle time while improving documentation fidelity and code quality. Established a repeatable AI-assisted engineering playbook adopted across the Fixed Income Technology team.

Technology: Java, Python, Claude Code CLI (Anthropic), TypeScript, AWS, Git

Alpine Mosaic Platform — Cross-Asset Investment Platform

Architected and delivered a next-generation, micro-service-based investment technology platform integrating tools from investment teams and third-party providers into a unified cross-asset desktop experience. Managed geographically distributed teams following Agile principles. Provides a single entry point for all investors to access data and workflows—analogue to BlackRock’s Aladdin platform—serving 900+ users firm-wide.

Technology: Java, Python, AWS ECS, OpenFin, React JS, Node.js, AWS EC2, Elastic Search, AWS Lambda, AWS RDS, AWS S3, Socket.io, Redis.io, TypeScript

Analyst Research Impact & Attribution — Big Data Analytics Platform

Desk: FI Quant

Built a firm-wide performance attribution system measuring the skill of portfolio managers in sector/asset selection and quantifying the alpha generated by Fixed Income Credit Analysts. System queries over 1 billion data points across benchmarks, indices, and securities. Included interactive risk analysis via Zeppelin notebooks, mortgage prepayment modeling, and a Single-Page Application zeroing RMBS and CLO deals critical to Wellington’s PPIF strategy.

Technology: Java, Python, AWS, Apache Zeppelin, JMS, Symphony Grid

Hoops IQ — RAG / LLM / Text-to-SQL Analytics Platform (UC Berkeley MIDS Capstone)

Designed and implemented a production RAG (Retrieval-Augmented Generation) architecture for AI-powered WNBA sports analytics. Built a multi-chain LLM pipeline: Table Retrieval Chain (semantic table selection), Text-to-SQL Chain (LangChain agent generating and self-correcting SQL against AWS Athena), and a Visualization Chain for dynamic chart generation.

Technology: Python, LangChain, AWS (Athena, S3, DynamoDB, EC2, Route53), Streamlit, OpenAI GPT-4o, Claude 3.5 Sonnet, SQL, RAG Pipelines, Vector Embeddings

SAPIENT CORPORATION, Boston, MA

2001–2013

SENIOR MANAGER, TECHNOLOGY

Delivered enterprise technology solutions across financial services and energy sector clients through all phases of the SDLC: architecture, development, QA, and operations management. Managed client relationships and led delivery teams across multiple simultaneous engagements.

- Designed and implemented complex financial systems for Cinergy Corp (Duke Energy), Royal Bank of Scotland, and NY-ISO, including trading gateways, risk platforms, and market data integrations
- Delivered currency workflow management, regulatory reporting (REAP, Regulated Derivatives), commodity options platforms, and reconciliation systems (CMA) with Crystal Reports and ad-hoc analytics
- Led cross-functional teams through full-lifecycle delivery including requirements analysis, architecture, build, QA, and production operations

EDUCATION

Wharton School, University of Pennsylvania
Executive CTO Program

University of California, Berkeley
Master of Information and Data Science

Cochin University of Science and Technology
Bachelor of Technology, Computer Science

ANOOP RAJ NAIR

| Page