

SEAN WYLIE

CTO | DIRECTOR OF SOFTWARE ENGINEERING SENIOR SOFTWARE ENGINEERING MANAGER

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Sean Wylie is a visionary technology executive with over two decades of experience driving innovation in gaming, cloud services, cryptography, and robotics. Renowned for his expertise in software architecture, emerging technologies, and engineering leadership, Sean has played a pivotal role in launching transformative products, optimizing development processes, and building high-performing technical teams. With a proven track record of aligning technology strategy with business objectives, he has successfully led large-scale software development initiatives, developed scalable cloud infrastructures, and enhanced security frameworks for enterprise solutions.

A strategic and results-driven leader, Sean thrives on fostering innovation, mentoring engineers, and delivering innovative technology solutions that shape industries. His entrepreneurial mindset, combined with a deep technical acumen, has established him as a leader in cloud computing, gaming technology, and AI-driven advancements.

"Sean is the kind of person you want running your Technology Department. He has an in-depth understanding of current trends and a natural penchant for choosing the right emergent technology. Most of all, you want Sean on your team because he will bring both technological expertise and reliable business sense to all aspects of your company."

Andrew Murphy,
Software Engineer at Apple

CAREER HIGHLIGHTS

The following represent key contributions and achievements that define Sean's career:

- **Game-Changing Cloud Innovations:** Piloted the launch of AWS Key Management Service (KMS), driving a 66.35% enterprise adoption rate and enabling scalable cryptographic key management. Spearheaded the development of AWS RoboMaker, a cloud-based robotics simulation platform validated by NASA for Mars Rover simulations.
- **Transforming the Gaming Industry:** Led technology teams for Neopets, Webkinz, and Monkey Quest, pioneering large-scale online gaming experiences and launching interactive multiplayer platforms that engaged millions of global users.
- **Engineering Leadership & Strategic Execution:** Successfully managed the divestiture of 30+ services at Riot Games, ensuring seamless transitions and centralizing operations. Effectively placed 90% of impacted engineers into new roles within the company while preserving morale and maintaining operational continuity.
- **Cloud Security/Cryptography:** Designed and deployed industry-leading cloud security frameworks, including BYOK (Bring Your Own Key) for AWS KMS, in compliance with SOX, GDPR, and FedRAMP regulations. Led AWS initiatives that enabled financial institutions like Goldman Sachs to securely transition critical workloads to the cloud.
- **Entrepreneurial & Creative Innovation:** Founded Wise Kids Studios, developing an interactive storytelling ecosystem integrating ecological themes with digital engagement. Created a nine-book series addressing environmental sustainability, leveraging augmented reality to enhance children's learning experiences.

A results-oriented technology leader, Sean Wylie is dedicated to driving technical excellence, scaling engineering organizations, and delivering innovative solutions that push the boundaries of cloud computing, gaming, and emerging technologies.

AREAS OF EXPERTISE

Cloud Architecture (AWS, GCP) | SaaS & PaaS Development | AI & Machine Learning | Game Development | Cryptography & Security (FIPS 140-2, GDPR, SOC 2) | DevOps & Agile Methodologies | Enterprise Integration & API Strategy | Engineering Leadership | Talent Development | Robotics & IoT | Product Innovation & GTM Strategy | Business Intelligence & Data Analytics | Emerging Technology | Digital Transformation | System Scalability & Optimization | CI/CD & Infrastructure as Code (IaC) | Strategic Growth | Organizational Leadership | Software

PROFESSIONAL HISTORY

Sean Wylie has held senior leadership roles across major technology organizations, shaping the trajectory of cloud computing, gaming platforms, and software development. As **Founder of Wise Kids Studios LLC**, he developed an interactive storytelling brand, integrating digital content with physical engagement through AR and QR code technologies, creating a nine-book series designed to enhance children's education and creativity.

As **Senior Software Engineering Manager at Riot Games**, Sean managed the divestiture of 30+ internal services, ensuring seamless operational handoffs and strategically placing impacted engineers into new roles. He also established and scaled a new engineering initiative, creating a technical and cultural foundation for long-term success.

Previously, at **Amazon Web Services (AWS)**, Sean served as a **Software Development Manager**, playing a critical role in the launch of AWS Key Management Service (KMS) and AWS RoboMaker. His efforts revolutionized enterprise cryptographic security, supported secure workload migrations for Fortune 500 enterprises, and transformed cloud-based robotics simulation.

Before AWS, he was an **Engineering Manager at Riot Games**, where he expanded the company's big data infrastructure, leading self-service analytics initiatives that enhanced game development and real-time decision-making.

Sean also held the role of **VP of Technology at Nickelodeon Virtual Worlds**, where he directed engineering and QA teams for Neopets, Monkey Quest, and Petpet Park. His leadership resulted in scalable multiplayer gaming platforms and improved cloud infrastructure.

Earlier in his career, he served as **IT Director at Ganz**, playing a pivotal role in scaling Webkinz into one of the world's largest children's gaming platforms by optimizing database architecture and implementing innovative monetization strategies. Sean's career trajectory reflects his ability to transform technological landscapes, lead high-performance engineering teams, and drive groundbreaking product innovations.)

As **CEO and Lead Programmer at c-Seven**, Sean Wylie developed Mantis, led digital signage projects for major clients, created a ticketing system to rival TicketMaster, and pioneered early flash gaming and multiplayer sites, highlighting his expertise in technology leadership and innovation.

EDUCATION | RECOGNITION

Sean holds a **Bachelor of Science (BS) equivalency in Information Technology** from Seattle Pacific University and a **Diploma in Digital Media Design (High Honors, Dean's List)** from the International Academy of Design. He has completed extensive professional training in Agile methodologies, including Scrum, Kanban, Lean, TDD, and XP, augmenting expertise in driving high-performance engineering teams and optimizing software development lifecycles.

INDUSTRY EXPERIENCE | TECHNICAL PROFICIENCY

With deep expertise spanning gaming, SaaS and cloud services, security and cryptography, robotics and AI, business intelligence, and software engineering, Sean has been at the forefront of industry advancements. His technical acumen includes proficiency in **AWS, GCP, Azure, Kubernetes, Terraform, CI/CD pipelines**, and various programming languages such as **Java, PHP, JavaScript, C#, React, and Unity**. Having worked across leading technology firms and gaming studios, Sean's contributions have shaped the industry's best practices and established him as a driving force behind next-generation digital transformation.

Sean Wylie is a forward-thinking technology leader with an entrepreneurial mindset and a passion for driving transformative innovation across cloud computing, gaming, AI, and security. His ability to scale teams, optimize operations, and develop industry-defining solutions positions him as a sought-after executive in the technology landscape.