# Jonathan McKinney
### Engineering Executive, Architect, Developer and Leader

✉ jon@jonmck.io
📞 (858) 220-1661
in linkedin.com/in/jhmckinney
⌖ Woodinville, WA
🌐 https://jonmck.io

## Skills

**Management**
- Executive leadership
- Cross-functional leadership
- Multi-org Leadership
- Business and technology strategy
- OKR/KPI measurement
- SDLC management
- Business Case Authoring
- Requirements collection and authoring
- Customer engagement and research
- Project Management
- PMO Oversight
- On-site and remote team building and leadership
- Customer Management
- Vendor Management
- Off-shore Management
- Staff Coaching
- Consulting
- Agile/Scrum
- HIPAA/CCPA

**Technology**
- Software Architecture
- Cloud (AWS, Azure)
- Streaming media
- CMS/CDN
- HLS/DASH/RTSP
- Kubernetes
- Kafka / Streamed Data
- Web, Server, Mobile Development
- REST / JSON
- Microservices
- Generative AI
- Github Copilot
- Java/Spring
- Javascript/Node
- Python
- Swift
- SQL/NoSQL
- Jira/Confluence
- Miro

## Profile

- 24+ years architecting, delivering, and operating high-volume software platforms
- 20+ in streaming media
- 15+ years in executive engineering management
- 17+ years leading or building Agile/Scrum teams
- $175M+ largest multi-year project led as executive director, AT&T
- $150M+ revenue managed as General Manager of Kit Americas
- 10-140 person team sizes managed
- 200+ projects delivered across the US, CA, MX, Europe, APAC, and South America
- 4 companies founded

An accomplished engineering executive and software architect with extensive experience across large corporations, SMBs, and entrepreneurial ventures, having founded four startups. I have successfully built and directed diverse and globally dispersed teams in engineering, project management, and design, particularly in budget-sensitive startup environments. Proficient in engaging with all organizational levels, from C-suite to product and marketing teams, I excel in strategic communication and leadership. Despite my executive roles, I remain deeply involved in technology, having personally developed mobile applications and a pioneering, cloud-native AI platform for Doculist and other startups. Known for my leadership, ability to forge consensus, and adaptability to various corporate cultures and industries.

## Experience

### CTO and Co-Founder
8/23-Present
**Doculist (Naples, FL - Remote)**

- Innovative pre-seed, AI-driven startup focusing on empowering homeowners to protect their finances from inadequate insurance reimbursements due to personal property loss.
- Building an augmented reality user interface leveraging computer vision to allow users to employ their smartphone cameras to easily capture personal asset information.
- Architecting a secure cloud-native platform to handle millions of users.
- Developing iOS and Android applications for managing asset data and interacting with insurance carriers.
- Leveraging Generative AI for an innovative approach to customer support and asset and property insights.

### Vice President of Engineering
6/21-8/23
**Juno Diagnostics (San Diego, CA - Hybrid)**

- Created and led a 16-person multi-disciplinary department to successfully deliver patient and provider platforms ahead of schedule and below budget.
- Crafted an evolutionary architecture for the backend platform, integrating a Java Spring-based modular monolith with Python and Javascript microservices.
- Led a comprehensive User Experience design and development project to deliver web portals for patients, providers, and the laboratory team in under 12 months.
- Developed a HIPAA-compliant data management and regulatory compliance strategy.
- Drove a 200% increase in monthly revenue following platform launch.
- Achieved zero production downtime for both patient and provider platforms.
- Oversaw vendor procurement, contract negotiation, requirements gathering, and program management.

## Senior Data Architect
**Care.com** (Austin, TX - Remote)                                              8/20-6/21

- Designed a next-generation data and analytics platform to enhance machine learning capabilities and provide comprehensive reporting for executives and product management, as well as operational dashboards.
- Directed cross-functional workshops to define requirements for a company-wide migration, establishing a unified data framework with key stakeholders from executive, product, and engineering teams.
- Created and implemented a centralized data governance framework in collaboration with the compliance team.
- Conducted technical training sessions on integrating with Snowflake and Kafka for data processing.

## Head of Architecture
**Sony Pictures Entertainment** (Culver City, CA - Hybrid, Contract)              5/17-6/20

- Orchestrated a 14-month digital transformation from a monolithic framework to a scalable, multi-tenant microservices architecture.
- Oversaw a diverse team of 14 architects and engineers.
- Pioneered the strategy and design of core platform architecture, championing its adoption across Crackle, Funimation, Sony Pictures TV Worldwide, and Games divisions.
- Achieved a $1 million annual cost reduction in content programming expenses by executing an extensive overhaul of the backend Content Management System.
- Promoted the accelerated industry adoption of ultra-low latency video streaming for a real-time mobile game show.
- Directed the technical due diligence for the merger and acquisition of Funimation.

## Lead Architect and Analyst
**Amdocs** (Atlanta, GA - Hybrid, Contract)                                       3/15-5/17

- Performed in-depth analysis of M&A prospects, focusing on Vubiquity and UXP Systems.
- Designed a telco user personalization product business plan and pitched to executive management.
- Formulated a program plan for the phased decommissioning of the AT&T U-verse IPTV infrastructure, a client of Amdocs.

## Lead Architect
**AT&T** (El Segundo, CA - Hybrid, Contract)                                      4/14-3/15

- Spearheaded the architectural design of the DirecTV partner marketing platform, consolidating multiple projects.
- Engineered a cost-effective framework for the implementation and deployment of hundreds of microsites.
- Drove RFP process for a microsite CMS toolkit, helping to constraint AT&T's costs by millions of dollars of multiple years

## Platform Architect and Product Analyst
**UUX** (Miami, FL - Hybrid, Contract)                                            11/13-4/14

- Conducted a comprehensive analysis of an acquired Content Management System, focusing on its integration with an Ericsson IPTV ecosystem.
- Crafted a detailed business plan and go-to-market strategy for the launch of a Mobile TV product.
- Formulated and implemented business development strategies with partners in Central Europe and the Middle East.

## General Manager - Americas
**KIT Digital** (Solana Beach, CA)                                                11/12-10/13

- Directed a $150M regional profit and loss (P&L) for the Americas.
- Led a large team of 140 professionals distributed across San Diego, New York, and Atlanta.
- Managed major accounts including AT&T, Disney, and Televisa, amongst others.
- Steered the division through a challenging phase of parent company bankruptcy, successfully retaining nearly 100% of revenue and staff, culminating in the emergence of the new entity, Piksel Inc.
- Was executive account director for AT&T, a multi-year project valued at over $175M, where I led AT&T through a comprehensive digital transformation to a leading streaming video provider.

*Vice President of Digital Media* (2011-2012)
*Director of Digital Media* (2010-2011)
*Senior Program Manager* (formerly ioko Ltd., 2008-2010)
**KIT Digital (Solana Beach, CA)**

- Previous positions that I held at Kit Digital. Kit Digital acquired ioko Ltd in 2010.

*Senior Director of Americas and APAC Professional Services* (2007-2008)
*Director of Americas Professional Services* (2006-2007)
*Manager of Solutions Architecture and Integration* (2005-2006)
*Senior Solutions Architect* (2004-2005)
**Entriq (now Irdeto) (Carlsbad, CA)**

- Previous positions held at Entriq which was acquired by Irdeto in 2008.

## Entrepreneurial Experience

*Founder* (2014)
**Render Media (Woodinville, WA)**

*Co-founder* (2017)
**Tall Concepts (Encinitas, CA)**

*Co-founder* (2021)
**Studios Chic (Malibu, CA)**

## Education

*University of New Hampshire*
**Bachelors of Science, Computer Science, Durham, NH**

## Patents

- **US 20100042734** (Method to identify and block access to internet resources, such as video streams, originating from the same IP address. This is particularly effective in detecting and preventing access to geographically restricted streaming video services through unauthorized VPN use.)

## Community Engagement

- *Volunteer Coach for Spartans Sammamish Baseball Club*
- *Redmond North Little League Board Member and coach*
- *Vex IQ Competition Coach*