

# > \_ DREW SCHILLINGER, MBA-MOT

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## ENGINEERING LEADER, AI INNOVATOR & CLOUD TECHNOLOGY STRATEGIST

### Driving Innovation through Cutting-Edge AI & Cloud Technologies

Innovative tech leader with 25 years in digital transformations, operational excellence, and cloud solutions. Proven track record in building, leading high-performing teams, driving strategic initiatives, and fostering a culture of innovation.

#### > \_ CORE COMPETENCIES

Strategic Vision & Product Leadership | API/SAAS Implementation | Servant & Team Leadership | IAC | Scalable Cross-Platform Cloud | Event-Driven Cloud Architecture | Digital Transformation | DevOps & ITSM | Vendor Relationships

#### API Scaling & Infrastructure Automation

Designed, scaled APIs, serving 50MM concurrent NBA fans with zero downtime using Blue/Green deployments, multi-AZ architecture.

Implemented edge caching and CI/CD tests for efficient high traffic management.

#### Cultivating Strong Teams with Servant Leadership

Led, mentored cross-functional platform teams, fostering a culture of excellence, continuous learning.

Worked with stakeholders: execs, strategy, design, tech, ensuring cohesive go-to-market strategies.

#### Strategic Vision & Product Leadership

Collaborated with execs aligning vision for digital prod, balancing strategic objectives with tech, UX, business.

Developed and prioritized digital product roadmaps, ensuring alignment with overarching strategic goals.

#### Event-Driven Cloud Architecture

Architected and integrated Kinesis for real-time analytics, significantly enhancing BI tool capabilities.

Introduced, implemented proactive monitoring tools including DataDog, Dynatrace reducing incidents.

#### COMPETENCIES

##### Emerging Tech:

AI/ML/NLP/GPT/llama/RAG,  
AR/VR, Web3  
Cross-Functional  
Engineering & QA  
Leadership

##### Languages & frameworks:

JSX/TS, Python, Node,  
Go, React, PHP, TSQL,  
Mongo, Apollo, GraphQL  
CDNs: Akamai, Cloudflare,  
Fastly

##### Cloud: AWS/Azure/GPC

micro-services, SaaS  
MQ: Kafka, SQS, Kinesis  
CI/CD: CloudFormation,  
Serverless, Terraform,  
Docker, Github Actions

*"Drew was way ahead of the game working with OpenAI/GPT years before it became a household name and changed the world. He embodies the very definition of innovation!" — A.D. Slaton, Sr, Director of Software Architecture @ Warner Bros Discovery*

#### > \_ EXPERIENCE

##### ► Director of Engineering, Sports Card Investor

Jul 2023-Present

Lead a team of four engineers in scaling Sports Card Investor's infrastructure, driving the expansion of Postgres, Mongo, and OpenSearch databases from 4 million to 20 million data sets.

- Direct architectural solutions, optimize cloud stacks, implement tests and documentation, employ TOGAF/WAF best practices to consistently reduce company's operational costs.
- Provide leadership and architectural decisions for growing businesses, ensuring tech quality and adhere to governance.

Stacks: AWS, lambdas, ECS, Vercel ► Typescript, React, NextJS ► API Architecture ► MongoDB, Postgres, OpenSearch

##### ► Head of Engineering, Onrise

Dec 2023-Present

Spearheaded the rapid scale-up of an early-stage telehealth startup, achieving full remote operations in under 4 months.

- Architected, engineered a robust, fault-tolerant HIPAA-compliant CMS and patient acquisition platform, incorporating disaster recovery strategies and CI/CD by leveraging NextJS, React, Cloudflare edge lambdas, and MongoDB on Atlas.
- Strategically decided on build vs. buy for tech systems, sourcing vendors and negotiating favorable pricing to optimize budget and performance. Mentored CEO and executive team, guided investors through decision-making.

Stacks: NextJS/React/AstroJS, Typescript, NodeJS, Python, Mongo, Atlas, Cloudflare Workers, serverless on edge

> \_ Personal and Professional NorthStar: Innovation Through Iteration, Progress Through Process, One Change at A Time

**► Goodr.co: VP of Engineering & Principal Engineer****2021 to 2023**

Led strategic planning and cross-functional team execution, propelling a multi-million-dollar Series-A SaaS Climate-Tech ESG startup to new heights of innovation and market penetration. Directed multi-year product roadmap planning. Managed managers.

- Transformed technology landscape by implementing Agile methodologies and modernizing the DotNet/React tech stack, accelerating product delivery by 50% and reducing costs by 33%.
- Defined architecture principles promoting scalability and security, managing onshore and offshore teams with a Follow-The-Sun model, quadrupling team performance and reducing bugs tenfold.
- **Technical Expertise:** Leveraged former vendor relationships: Dynatrace, MongoDB, and Auth0, increasing efficiency by 75% in maintaining, coding ReactNative components, Azure Logic Apps, and serverless SQL DBs and functions.

**Stacks:** React/ReactNative, Typescript, DotNet/C#, PHP, NodeJS, SQL, Azure, AWS, Serverlessr, DataDog, ELK, Dynatrace

**► WarnerMedia/Turner Broadcasting/WBD Lead Engineer -> Sr. Tech Manager****2007 to 2021****Innovation Leadership: Sr. Tech Manager**

- Pioneered development of serverless, Python-based GPT solutions to build bespoke Retrieval-Augmented Generation (RAG) and LangChain frameworks years before their mainstream adoption.
- Launched an internal innovation hub connecting idea generators with talent, spearheading product development from ideation to implementation. Directed Directors and Managers to build out prototype.
- Amplified innovation across product lines by presenting tech talks on AI and cloud technologies.
- Improved ITSM DevOps processes for CNN Help Desk using LSS Green Belt DMARC.

**NBA.com/NBATV & HBOMax: Sr. Tech Manager**

- Directed NBATV and NBA.com SaaS team squad managers while leading the HBOMax team from being two sprints behind to launching a sprint ahead of schedule, ensuring timely delivery and exceeding project expectations.
- Adopted servant leadership, doubling platform engineering team size and transforming the lowest-performing team into the top-performing one. Mentored managers. Coached lowest-performing engineer on a PIP to a Lead Architect.
- Architected NBATV LeaguePass microservices using Blue/Green deployments, multi-AZ architecture, AWS WAF, reaching 50M fans across 30+ platforms daily without downtime. Implemented edge caching for efficient high traffic management.
- Implemented proactive system management strategies using Alert Logic, New Relic, and Circuit Breakers. Implemented deployment checklists, scriptable tests, and roll back plans.
- Prototyped, launched a monetized proof-of-concept AI product, elevating revenue by \$20K in the first weeks of COVID.
- Led NBA's Disaster Recovery project and GDPR, CCPA compliance project, implementing Blue-Green deployment strategies to ensure regulatory compliance and system resilience.

**Adult Swim: App Implementation Manager**

- Hired as inaugural engineer, established a framework for rapid growth. Grew into a thought leader, manager of managers.
- Used S3 and Elemental servers to architect, build ad-enabled HLS marathon streams three years before PlutoTV, setting a new standard for content delivery.
- Led creation and inaugural launch of authenticated TV on web, Xbox, and Roku products, positioning the division as the first within the company to launch OTT video apps. Prototyped the first Roku TVE app for the company.
- Pioneered AWS in 2012 and Infrastructure as Code (IaC) for other Turner brands in 2014.
- Architected a robust homegrown CMS, enabling a comprehensive headless multi-datatype website, database, and CMS production in under three months, used by multiple Turner brands.

**Stacks:** AWS (Lambda, Data Lakes, WAF), Azure, GCP, Kafka, TensorFlow, GPT, Python, Typescript, NodeJS, GoLang, Bash, Perl, Brightscript, PyTorch, NoSQL, Apollo, GraphQL, Mongo, React, PHP, Java, Perl, PostgreSQL, terraform, CloudFormation, DataDog, ELK, Grafana, Angular, Akamai, Fastly, serverless-on-the-edge

*"I foster innovative solutions and cohesive teams to deliver meaningful experiences for our most valuable assets—our employees and customers. With a fervor for process and technical excellence, I am dedicated to mentoring and leading PMs and engineers toward achieving our product goals."*

Additional:

- ▶ Instructor / School Lecturer
  - Lead hackathon classes at various middle schools, high schools, camps, and colleges, teaching coding best practices, APIs and programming languages, and the use of LLMs, RAG, GPT, and LangChain.
- ▶ Business and Tech Mentorship: Institute for African American Mentorship in Computer Sciences (IAAMCS)
  - Mentor at the Institute for African American Mentorship in Computer Sciences (IAAMCS), guiding and nurturing the next generation of tech leaders.
- ▶ Educational Advisor: Fulton County School District Curriculum Advisory Board
  - Shape IT education as an advisor for the largest school district in Atlanta, refining IT.
- ▶ DEI Ambassador: Georgia Tech Scheller College of Business
  - Champion diversity, equity, and inclusion at Georgia Tech Scheller College of Business as a member of the MBA program's DEI Council.

## >\_ EARLY CAREER

Web Developer, Walt Disney Parks and Resorts Online, 2006-2007 | Interactive Media Course Instructor, Full Sail University, 2005-2006

*"Drew was part of efforts to shore up services and infrastructures that powered livestreaming of NBA games. Against all odds he delivered success after success and helped the organization finally turn the corner. No other leader achieved the same level of impact to teams and the organization as a whole." — Jerry You, Engineering Manager, Home Depot*

## >\_ EDUCATION

**Executive MBA**, Georgia Institute of Technology, Scheller College of Business, Atlanta, GA, 2021  
*Specializations: Management of Technology, Strategy and Innovation, Consumer Behavior*

**Bachelor of Arts**, University of Central Florida, Orlando, FL  
*Majors: Film/Cinema/Video Technologies, English Language Arts*

**Certifications:** Lean Six Sigma Green Belt, Irrational Labs Behavioral Economics Bootcamp