

# Patricia Williams

Chief Technology Officer | Technology Executive | Digital Transformation  
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## EXECUTIVE SUMMARY

Visionary technology executive with 20+ years of progressive leadership experience

## CORE COMPETENCIES

- " Technology Strategy & Roadmapping
- " Digital Transformation Leadership
- " Engineering Team Building & Scaling
- " Cloud Architecture (AWS, Azure, GCP)
- " AI/ML & Data Science Platforms
- " Cybersecurity & Risk Management
- " Agile & DevOps Transformation
- " M&A Technology Due Diligence
- " Product Development Lifecycle
- " P&L Management (\$100M+ Budgets)
- " Board & C-Suite Communication
- " Vendor & Partner Negotiations

## PROFESSIONAL EXPERIENCE

### Chief Technology Officer

2020 - Present

*GlobalTech Corporation (NYSE: GTECH) " New York, NY*

Fortune 500 fintech company with \$5B+ annual revenue and 10,000+ employees globally

Lead global technology organization of 500+ engineers across

Architected and delivered cloud-native platform migration from

Spearheaded AI/ML initiative implementing predictive analytics

Drove digital transformation roadmap resulting in 3x increase in

Established company-wide DevOps practices and CI/CD pipeline

Led security transformation initiative achieving SOC 2 Type II,

Built strategic partnerships with AWS, Microsoft, and Google, s

Mentored C-suite executives on technology strategy and served

### Senior Vice President of Engineering

2017 - 2020

*DataStream Technologies " San Francisco, CA*

Series D SaaS company providing enterprise data analytics platform, successfully acquired by

Scaled engineering organization from 80 to 300 engineers during

Architected next-generation real-time analytics platform proces

Led company through successful SOC 2 audit and GDPR compli

Implemented engineering excellence program including automating

Directed technical due diligence during acquisition process, completed

Drove platform reliability improvements achieving 99.95% uptime

Built data science team of 25 engineers developing machine learning

#### **Vice President of Platform Engineering**

2014 - 2017

*CloudScale Systems " Seattle, WA*

Enterprise cloud infrastructure company serving 5,000+ customers across healthcare, financial

Led platform engineering team of 120 engineers responsible for

Designed and implemented microservices architecture using Kubernetes

Established site reliability engineering (SRE) practice with on-call

Drove cost optimization initiatives through auto-scaling, reserved

Led technical evaluation and migration to Kafka-based event streaming

Implemented comprehensive observability stack (Datadog, Grafana)

Championed engineering culture initiatives including quarterly

#### **Director of Engineering**

2011 - 2014

*InnovateTech Solutions " Boston, MA*

B2B software company providing CRM and marketing automation platforms to mid-market enterprises

Managed engineering team of 45 developers building cloud-based

Architected RESTful API platform enabling third-party integrations

Led agile transformation from waterfall to scrum methodology,

Established technical interview process and university recruiting

Collaborated with product management on multi-year roadmap planning

Implemented automated testing framework reducing QA cycle time

#### **Engineering Manager**

2008 - 2011

*TechCorp Industries " Austin, TX*

Led cross-functional team of 15 engineers developing e-commerce

Migrated legacy monolithic application to service-oriented architecture

Implemented continuous integration practices using Jenkins and

Mentored senior engineers on technical leadership, architecture

Collaborated with product team to define technical requirements

#### **Senior Software Engineer**

2005 - 2008

*Digital Media Corp " San Diego, CA*

Developed high-traffic web applications using Java, Spring, and

Optimized database queries and implemented caching strategies

Led technical design reviews and code quality initiatives established

Participated in on-call rotation providing 24/7 production support

## **Software Engineer**

2003 - 2005

*StartupLabs Inc " Palo Alto, CA*

Built web applications using PHP, JavaScript, and PostgreSQL

Contributed to full software development lifecycle from requirements

Collaborated with designers and product managers to implement

## **BOARD & ADVISORY ROLES**

**Board of Directors, TechVentures Inc.**

2022 - Present

Serve on board of Series B SaaS company providing technology governance oversight

**Technology Advisory Board, Fortune 100 Retail Company**

2021 - Present

Advise C-suite on digital transformation initiatives, cloud strategy, and technology

**Venture Partner, Innovation Capital Partners**

2020 - Present

Evaluate technology investments, conduct technical due diligence, and mentor portfolio

## **EDUCATION**

### **Executive MBA**

2013

Harvard Business School, Boston, MA

Focus: Technology Strategy & Innovation Management

### **Master of Science in Computer Science**

2003

Stanford University, Stanford, CA

Specialization: Distributed Systems & Databases

### **Bachelor of Science in Computer Engineering**

2001

Massachusetts Institute of Technology, Cambridge, MA

Magna Cum Laude " GPA: 3.9/4.0

## **CERTIFICATIONS**

" AWS Certified Solutions Architect Professional

" Certified Information Security Manager (CISM)

" Project Management Professional (PMP)

" Certified Scrum Master (CSM)

" Google Cloud Professional Architect

" TOGAF 9 Certified Enterprise Architect

## **SPEAKING ENGAGEMENTS & PUBLICATIONS**

### **Conference Keynotes:**

"Leading Digital Transformation at Scale" - Technology Leadership

"Building AI-First Organizations" - AI Conference 2023

"Cloud Architecture Best Practices" - AWS re:Invent 2022

"Scaling Engineering Teams Through Hypergrowth" - SaaS Str Annual

### **Publications:**

"The CTO's Guide to Cloud Migration Strategy" - Harvard Business

"Building High-Performance Engineering Cultures" - Tech Leadership

"Security in the Age of AI" - IEEE Computer Society, 2021

## **AWARDS & RECOGNITION**

Top 50 Women in Tech - Forbes (2024)

CTO of the Year - Tech Excellence Awards (2023)

Most Influential Women in Technology - Fast Company (2022)

Innovation Leadership Award - Technology Council (2021)

40 Under 40 Technology Leaders - Business Insider (2018)

## **PROFESSIONAL AFFILIATIONS**

Member, Forbes Technology Council (2020-Present)  
Advisory Board Member, Women in Technology International (2018)  
Member, Association for Computing Machinery (ACM)  
Member, Institute of Electrical and Electronics Engineers (IEEE)  
Member, Chief Technology Officers Association (CTOA)

## **TECHNICAL EXPERTISE**

### **Cloud Platforms:**

AWS (EC2, S3, Lambda, RDS, ECS, EKS), Azure, Google Cloud Platform, Kubernetes

### **Programming & Frameworks:**

Java, Python, JavaScript/TypeScript, Go, Node.js, React, Spring Boot, Django, Flask

### **Data & Analytics:**

PostgreSQL, MySQL, MongoDB, Redis, Elasticsearch, Kafka, Spark, Hadoop, Snowflake

### **AI/ML:**

TensorFlow, PyTorch, Scikit-learn, NLP, Computer Vision, Recommendation Systems,

### **DevOps & SRE:**

Jenkins, GitLab CI, CircleCI, Datadog, Grafana, Prometheus, PagerDuty, New Relic,

### **Security:**

OAuth 2.0, SAML, Encryption, Penetration Testing, Vulnerability Management, SOC 2

### **Methodologies:**

Agile/Scrum, Kanban, SAFe, Lean, Design Thinking, Six Sigma

## **PATENTS**

US Patent 10,234,567: "System and Method for Distributed Data Processing"

US Patent 9,876,543: "Machine Learning-Based Fraud Detection System"

US Patent 9,345,678: "Real-Time Analytics Processing Architecture"

## **COMMUNITY INVOLVEMENT**

Mentor, TechWomen Leadership Program - Supporting emerging women in tech

Board Member, Code for Good - Non-profit teaching coding to underserved youth

Judge, MIT Startup Competition - Evaluating student technology startups

Guest Lecturer, Stanford Graduate School of Business - Technology and Innovation

## **LANGUAGES**

English (Native), Spanish (Professional Working Proficiency), Mandarin Chinese (Conversational)