

# Michael Tuszynski

Technology executive specializing in engineering leadership, cloud architecture, and AI-driven innovation. Former CTO and AWS Solutions Architect with proven success in building and scaling engineering organizations from startup to enterprise level. Demonstrated excellence in guiding managers and directors toward successful product launches, while fostering a culture of innovation and continuous learning. Track record of integrating cutting-edge AI methodologies to drive operational efficiency and strategic growth.

✉ mike@mpt.solutions 📞 415-793-4717 📍 San Francisco, CA 🌐 <https://www.mpt.solutions>

## WORK EXPERIENCE

### MPT Solutions

Independent Consultant April 2024 - present

- Spearheaded implementation of robust CI/CD pipeline reducing deployment times by 70%
- Led end-to-end development of scalable cloud-native platform reducing time-to-market by 50%
- Managed cross-functional teams delivering complex projects on time and within budget
- Implemented security checks and compliance frameworks across multiple client environments

### Amazon Web Services (AWS), San Francisco, CA

Senior Solutions Architect Dec 2017 - Mar 2024

- Architected cloud-native solutions for enterprise clients across various industries
- Led technical discovery and solution design for complex migration projects
- Specialized in containerization strategies using ECS, EKS, and Fargate
- Achieved consistent cost optimization results exceeding 30% for client infrastructures
- Mentored junior architects and provided technical guidance to sales teams

### Fandor, San Francisco, CA

Chief Technology Officer Jan 2014 - Nov 2017

- Led technical operations for streaming platform serving millions of users
- Managed 20+ engineering team and \$4MM+ annual technology budget
- Achieved 100% year-over-year user growth through technical strategy
- Built AVOD business growing impressions 200% month-over-month
- Maintained 99.98% platform uptime while processing petabytes of video

### Flashtalking, Inc., San Francisco, CA

US Director of Technology Jan 2012 - Dec 2013

- Led a team of 10 technology professionals, overseeing the successful implementation and maintenance of cutting-edge IT infrastructure, resulting in a 30% improvement in system efficiency and a 50% reduction in operational costs.
- Developed and executed a strategic technology roadmap, aligning business objectives with technological advancements, resulting in a 20% increase in overall company productivity and a 15% revenue growth within the first year.
- Collaborated with cross-functional teams to drive innovation and digital transformation initiatives, leveraging emerging technologies such as artificial intelligence and cloud computing

### PointRoll, Philadelphia PA

Director Technical Services Jan 2006 - Dec 2014

- Led Ad Server Engineering and Platform Engineering teams
- Managed IT infrastructure projects achieving 20% YoY cost savings
- Enhanced technical support services increasing satisfaction by 30%
- Implemented disaster recovery reducing downtime by 50%
- Optimized system architecture reducing infrastructure costs by 35% while improving performance

## Early Career History

Various

2001-2004

- Gartmore Global Investments | Web Developer | 2004-2006
- Towers Watson | Systems Analyst | 2001-2004

## EDUCATION

### Saint Joseph's University, Philadelphia, PA

Bachelor of Science (B.S.) - Management Information Systems

Aug 1997 - Jun 2001

## VOLUNTEERING

### Curry Senior Center | San Francisco

- Technical Volunteer (2020 - Present)
- Providing technical consulting and implementation support
- Developing digital solutions for operational efficiency
- Supporting technology infrastructure modernization efforts

## SKILLS

- JavaScript/TypeScript
- Python
- Java
- Ruby
- C#
- Rust
- React
- Angular
- Node.js
- Rails
- .NET Core
- React Native
- Swift
- AWS
- EC2
- ECS
- EKS
- Lambda
- S3
- CloudFront
- RDS
- DynamoDB
- Terraform
- CloudFormation
- CDK
- Docker
- Kubernetes
- Jenkins
- GitHub Actions
- AWS CodePipeline
- Datadog
- New Relic
- PostgreSQL
- MongoDB
- Redis
- Elasticsearch

## CERTIFICATIONS

- Professional Certificate in Machine Learning and Artificial Intelligence - UC Berkeley Executive Education
- AWS Certified DevOps Engineer – Professional
- AWS Certified Solutions Architect – Professional
- AWS Certified Developer Associate
- AWS Certified SysOp Associate