Michael Tuszynski

Accomplished engineering and technology executive with a proven track record in cloud technologies, mobile application development, and AI-driven innovation. As a seasoned engineering leader, I have a history of guiding managers and directors toward successful product launches, excelling in creating and leading cross-functional teams, including top AI and machine learning experts.

As Chief Technology Officer, I developed and executed strategies aligned with key performance indicators, focusing on integrating cutting-edge AI methodologies to drive innovation and improve operational efficiency. My proactive leadership in project lifecycle management has consistently led to significant enhancements in business performance and the strategic incorporation of AI technologies.

I am committed to setting clear expectations and nurturing a culture of collaboration, mentoring engineering leaders to embrace and implement advanced technology solutions. My strategic direction ensures project completion within time and budget constraints, using AI to sustain and boost market competitiveness.

As an advocate for organizational values, I promote an environment of excellence, empathy, and continuous learning, particularly emphasizing AI and technology innovation. This ethos has been central to my effectiveness and growth as an engineering leader.

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▬▬ WORK EXPERIENCE

Harmonate, San Francisco, CA

Independent Cloud Consultant   April 2024 - present

- Brought in as a specialist on all aspects of Harmonate Infrastructure and cloud spend
- Work to optimize infrastructure costs
- Advise on strategic infrastructure best practices

Amazon Web Services (AWS), San Francisco, CA

Senior Solutions Architect   Dec 2017 - Mar 2024

- Pioneered the adoption and optimization of AWS container services (ECS, EKS, Fargate) with a focus on startups and SME clients, achieving a 50% increase in deployment speed and scalability while reducing infrastructure costs by 30% through strategic containerization strategies and best practices.
- Spearheaded a strategic initiative at Amazon Web Services, enhancing cloud solution architectures for startups and SMEs, leading to a 40% increase in cloud adoption and a 30% improvement in client operational efficiency, utilizing scalable, cost-effective solutions involving AWS services such as EC2, S3, RDS, and Lambda.
- Collaborated with cross-functional teams to provide technical workshops, guidance, and best practices in cloud migration and security, increasing customer satisfaction by 35% and cutting project delivery times by 20%.

Fandor, San Francisco, CA

Chief Technology Officer   Jan 2014 - Nov 2017

- Expertly developed strategy for expanding a pre-IPO startup engineering team, building containerized, distributed architecture using Kubernetes, and owning engineering, product, infrastructure, and content operations groups.
- Execute vision & strategy to assist in growing the firm's top KPIs through rapid software engineering, including 100% user growth.
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Provide leadership to an agile team of engineers building a world-class video streaming and management platform, growing the team from 3 to 25 while retaining engineers for 20 months on average and expanding teams to 2 remote offices.

- Manage a budget exceeding $4MM.
- Assist internal staff in growing and maintaining a healthy engineering culture of mutual trust and respect, developing a strategy for growing a pre-IPO startup engineering optimization, and developing, managing, recruiting, and hiring processes.
- Oversee all software releases and code quality, performance tuning, and analysis of web applications.
- Implement rigorous performance management process for engineers
- Architected the development workflow for maximum agility while maintaining code quality
- Developed a hybrid mobile strategy for the company's iOS and Android stacks and transitioned the software stack to a microservice architecture.
- Built advertising video-on-demand (AVOD) business from scratch, growing impressions on the platform by 200% month-over-month, beginning a new revenue stream for the company, estimated to bring in $500K in 2017, and between $3MM and $8MM in subsequent years
- Built out a robust infrastructure capable of handling exponential user growth while reducing the overall cost structure and designing architecture for distributed systems.
- Entire software lifecycle full stack front and back-end systems alongside 6 client applications powered by a custom API
- Ensured 99.998% uptime of platform and API

PointRoll, Philadelphia PA

Director Technical Services   Jan 2006 - Dec 2014

- Led Ad Server Engineering, Ad Platform Engineering, and Specialized Client Services Teams.
- Led a team of technical experts to implement and manage complex IT infrastructure projects successfully, resulting in improved operational efficiency and over 20% YoY cost savings.
- Developed and executed strategic plans to enhance technical support services, resulting in a 30% increase in customer satisfaction ratings and a 25% reduction in response time YoY.
- Oversaw designing and implementing a disaster recovery plan, ensuring business continuity during system failures or natural disasters, and minimizing downtime by 50%.
- Collaborated with cross-functional teams to identify and implement innovative technologies and solutions, resulting in a 25% increase in productivity and streamlined processes.

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

━━━ EDUCATION

Saint Joseph's University, Philadelphia, PA

Bachelor of Science (B.S.) - Management Information Systems   Aug 1997 - Jun 2001

━━━ Early Career Experience

- Gartmore Global Investments | Web Developer | 2004-2006
- Towers Watson | Systems Analyst | 2001-2004
- Independent | Consultant | 1995-2001

Volunteer Work

Technical Advisor   2020-present
- Provided technical guidance and support to a team of volunteers, ensuring the smooth execution of projects and tasks.
- Conducted in-depth research and analysis on emerging technologies, implementing innovative solutions to improve operational efficiency.
- Developed and delivered training programs on technical subjects, equipping volunteers with the necessary skills and knowledge to complete their assignments successfully.
- Collaborated with cross-functional teams to troubleshoot complex technical issues, leading to swift resolution and minimized downtime.

SKILLS

- Javascript, Python, Java, HTML/CSS, Terraform, AWS, Bash/ZSH
- C#, Rust, Ruby, Azure, GCP