ANTHONY METZLER

Technical Program Manager

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SUMMARY

Seasoned Technical Program Manager with over 15 years of experience rooted in software engineering, adept at translating complex technical roadmaps into strategic business outcomes. A go-to technical expert and collaborative leader known for building high-performing teams and leading critical infrastructure programs from ideation to delivery at global scale. Passionate about leveraging interpersonal leadership to solve ambitious challenges and launch the next generation of impactful technology solutions.

PROFESSIONAL EXPERIENCE

Technical Program Manager
07/2021 - Present
YouTube
Mountain View, CA

- **Drove billion-dollar infrastructure decisions** for YouTube's compute and storage, aligning strategic supply chain planning with long-term growth and efficiency goals.
- **Served as the technical subject-matter expert** for capacity planning, supply chain algorithms, and data analysis, delivering critical resource forecasts for 5+ year horizons.
- **Led global infrastructure programs**, including upgrades to dedicated machines, ensuring redundancy and supporting product growth while maintaining service availability.
- **Directed comprehensive resource planning** for compute, storage, and I/O, optimizing supply and demand and mitigating over-provisioning risks through innovative solutions.
- **Successfully delivered a multi-quarter, multi-million dollar infrastructure service migration** (Bigtable to Spanner) on time and within budget despite resource constraints.
- **Managed long-term power planning for YouTube**, supporting regional growth, product launches, and efficiency program while enabling Google-wide AI/ML growth.
- **Developed business analytics dashboards and architected data pipelines**, reducing data lag by 99% and providing real-time insights for leadership on resource supply, demand, and project status.

Technical Solutions Architect
08/2018 - 07/2021
Independent Consultant
San Francisco, CA

- **Successfully delivered over 12 end-to-end technical projects**, managing the complete lifecycle from requirements gathering to on-time, on-budget deployment.
- **Designed and deployed scalable solutions for clients** in the e-commerce and SaaS sectors, including multiple enterprise e-commerce platforms that supported over $10M in annual transactions.
- **Partnered with clients as a technical advisor**, translating complex business needs into actionable engineering roadmaps and ensuring alignment between executive stakeholders and development teams.
- **Leveraged performance data and user feedback** to drive continuous post-launch enhancements and improve the user experience.

Program Manager, Director
07/2017 - 08/2018
LifeAssist Techology
San Francisco, CA

- **Spearheaded a critical UI/UX product redesign** to enhance accessibility and responsiveness, creating a unified user experience across all platforms.
- **Architected and led the development of a core API service** that accelerated third-party integration timelines and expanded platform capabilities.
- **Partnered with key healthcare organizations**, translating complex requirements into the product roadmap to ensure successful launches and deliver improved patient outcomes.
- **Collaborated directly with executive leadership** to define and champion the long-term product roadmap, shaping the company's strategic direction and technology vision.
- **Managed a complex clinical study in partnership with the Canadian Ministry of Health**, navigating strict privacy and health-data regulations to ensure 100% compliance.

EXPERIENCE SNAPSHOT

☁ **Global Scale Infrastructure**
Drove infrastructure planning at YouTube, influencing billion-dollar decisions for compute and storage resources.

📊 **Data Analysis and Metrics**
Spearheaded critical data analysis workstreams vital to supporting strategic engineering initiatives.

⚙ **Application Engineering**
Developed technical solutions with a focus on quality, maintainability, and scalability.

💡 **Product Development**
Launched multiple software projects, leading all stages of development.

KEY STRENGTHS

Technical Project Management ·
Team Building and Leadership ·
Process Improvement Initiatives ·
Data Analysis and KPI Tracking ·
Engineering Management ·
Software and Web Development ·
Product Development ·
Agile and Waterfall Methodologies ·
Supply Chain Planning ·
Quality Assurance ·
Customer Engagement

TECHNICAL PROFICIENCIES

Languages
JavaScript · Python · SQL

Frameworks and Libraries
Node.js · React · React Native · GraphQL ·
Django · ASP.NET · Selenium · Docker ·
Serverless · MongoDB · PostgreSQL

PROFESSIONAL EXPERIENCE

Engineering Manager
ClearCare

03/2013 - 03/2017
San Francisco, CA

- **Led a high-performing team of up to 10 engineers** across a portfolio of technical programs, owning the entire software development lifecycle from conception and design through to deployment and maintenance.
- **Directed cross-functional product launches and strategic partnerships with major institutions and vendors**, coordinating engineering, QA, and partner teams to land multi-million dollar contracts.
- **Drove a 75% reduction in pre-release testing times by establishing new QA standards** and architecting a platform-wide automated testing framework, significantly improving release quality.
- **Spearheaded the development of two mission-critical, greenfield projects**: the company's first-ever mobile application (React/React Native) to capture a new market segment and a new GraphQL API to modernize the platform's existing tech stack.
- **Owned the end-to-end release management process**, orchestrating production deployments within a CI/CD environment to maintain 99.9% platform uptime for a mission-critical SaaS application.

Managing Director
Creative Solutions

06/2009 - 03/2013
Orlando, FL

- **Envisioned and led the end-to-end creation of a B2B SaaS mobile ordering platform**, directing a cross-functional team of business development, design, and engineering talent from concept to market launch.
- **Architected the platform's core functionality** by leading the integration of key partner APIs for payment and SMS, establishing a scalable and feature-rich service to attract early adopters.
- **Crafted the strategic vision, product roadmap, and business plan** that successfully secured crucial seed funding and enabled the company's official market entry.

EDUCATION

Major: Business Administration
Stetson University

DeLand, FL

IT Administration
Summit Technology Academy

Lee's Summit, MO

TECHNICAL PROFICIENCIES

Software and Platforms

Adobe Cloud · Atlassian · AWS · GitHub · Google Apps · Google Cloud · Jenkins · Microsoft Office · Salesforce · Slack · SmartSheets · Trello · LucidChart

PERSONAL INTERESTS

⚡ **Technology Innovations**
Deeply passionate about ideating innovative technologies and building greenfield projects.

🧠 **Continuous Learning and Development**
Committed to personal and professional growth, regularly engaged in learning new skills and deepening understanding.

⚙ **Tinkering and Fabrication**
Keen interest in automotive mechanics, mechanical engineering, fabrication, and building projects.