MIKE TOSCANO

Software Engineering Manager

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Accomplished engineering leader with 10+ years of experience delivering high-performing solutions. Skilled in leading diverse, cross-functional teams (including engineers, DevOps, QA, and product) to achieve ambitious goals. Proven track record of reducing defects by up to 70% through the implementation of agile methodologies. Eager to leverage my proven technical expertise and leadership to contribute to your team's success.

WORK EXPERIENCE

Manager, Software Engineering   August 2024 – Present
Paylocity, NJ (remote)

- **Designed an extensible integration platform:** Architected a platform enabling integration between third parties and Paylocity, enabling a marketplace of native add-ons to customers' Paylocity implementations. Utilized the platform to integrate with other engineering teams' products, providing event-based workflow orchestration for cross-company processes.

Manager, Software Engineering   February 2023 – August 2024
Capital One, New York, NY (hybrid)

- **Launched a successful travel product:** Introduced Capital One Travel For Business, a new product line that expanded customer offerings and generated millions of dollars in month-over-month travel spend within the first year.
- **Accelerated product delivery:** Developed and implemented a centralized platform that simplified development efforts and redacted time-to-market for new premium benefits features by up to 50%. This platform provided developers with easy, federated access to essential internal platforms and reduced the need for redundant, boilerplate code and network configuration.
- **Led and mentored high-performing teams**: Successfully led and mentored cross-functional teams, fostering a collaborative and innovative work environment. As a team leader, I oversaw the development of multiple micro services for premium benefits. I often consulted with other teams in order to streamline their workflows via adoption of my team's platform.
- **Shared expertise and insights:** As an enterprise API coach, I reviewed engineering teams' API specifications, providing feedback, suggestions for improvement, and approvals. This role helped to ensure consistent API design practices and maintain high-quality standards across the organization.
- **Demonstrated technical expertise:** Proven track record in designing, developing, and implementing complex technical solutions. I engineered high-performance APIs capable of handling 1000 TPS to support seamless UX components on Capital One's web and mobile platforms.

Software Engineering Manager   June 2021 – February 2023
CSC Global Financial Markets, West Orange, NJ (remote)

- **Led successful cloud migration and modernization:** Successfully migrated and maintained a globally utilized suite of investor and investment management applications across AWS and Microsoft Azure, modernizing legacy systems and enhancing operational efficiency.

- **Optimized SDLC and reduced defects:** Streamlined the software development lifecycle, reducing defects by 70% while maintaining development velocity. Grew engineering teams by 50% through effective hiring and onboarding.
- **Provided technical leadership and mentorship:** Managed and mentored a team of software and quality engineers, conducting performance reviews and fostering talent retention.
- **Ensured compliance and security:** Provided architecture and cybersecurity guidance, ensuring compliance across teams and serving as the point of contact for security vendors and auditors.
- **Championed operational excellence:** Migrated PEF Services' infrastructure to Azure with minimal downtime, enabling managed support by CSC's MSP.

Technology Manager (various other titles)   May 2014 – June 2021
PEF Services LLC, West Orange, NJ

- **Architected and delivered a modernized financial platform:** Successfully consolidated two legacy monoliths into a microservices-based ecosystem, modernizing the company's IT infrastructure and improving operational efficiency.
- **Built a comprehensive investor/investment management portal:** Designed, developed, and implemented a robust investor/investment management portal that integrated with on-premises and other cloud systems, providing a centralized platform for clients.
- **Led and mentored a diverse development team:** Managed a multi-product, multi-platform development team of varying experience levels, providing leadership, guidance, and mentorship.
- **Secured executive buy-in for strategic initiatives:** Successfully secured executive buy-in for the product roadmap and resource allocation, driving the company's technology strategy forward.

EDUCATION

New Jersey Institute of Technology, Newark, NJ
Bachelors of Science — Computer Science

SKILLS & OTHER

Engineering: JavaScript/TypeScript (node, express, vue, electron), GoLang, Python (flask, django), PHP (slim, laravel, lumen), Java (spring, jsp), Ruby (rails), Containers (docker, lxc), Orchestration (kubernetes, swarm, compose), IaC (Terraform, Cloudformation), AWS (EC2, DynamoDB, RDS, ECS, fargate, S3, lambda), Azure (VMs, blob storage, DevOps, database, front door, functions, containers), SQL (MySQL, SQL Server, Oracle) NoSQL (mongo, dynamo), Redis, Systems Administration (AD, Exchange, DNS, Windows Server, Cisco CLI, VMWare, Proxmox, Hyper-V, Firewalls, IDS/IPS)
Soft Skills: People Management, Risk Management, Vendor Management, Talent Development, Agile Methodologies, Mentoring
Affiliations::Docker Captains Program

PROJECTS

GitHub: https://github.com/GethosTheWalrus
PinThere Travel Tracker app: https://apps.apple.com/us/app/pinthere-travel/id6443492972
SteamPlus Tidbyt app: https://github.com/tidbyt/community/pull/1495
Publications: https://www.linkedin.com/in/michael-toscano/recent-activity/articles/