

Arthur Tolchinsky

VP / Director / Manager of Engineering

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Full Stack Hands-on Engineering Leader • SaaS + Marketplace + Fintech • 0→1 & Scale Expertise

SUMMARY

Strategic engineering leader with extensive experience scaling high-performing teams, driving product innovation, and delivering measurable business results. Proven success building engineering orgs from scratch, leading cross-functional teams, and driving 0 → 1 product launches in fintech, SaaS, and marketplace environments. Expert in aligning technical vision with business goals, optimizing engineering velocity, and cultivating strong engineering culture in startup environments.

CORE COMPETENCIES

- Engineering Management, Talent Development & Team Scaling (0 → 25+)
- Web & Cloud-Native Architecture **(Node.js, React, Typescript, Javascript, AWS, GCP)**
- Mobile Platform Strategy **(iOS, Android, React Native)**
- Agile Execution & Velocity Optimization
- DevOps & CI/CD Implementation
- Strategic Roadmapping & Technical Vision
- C-Suite Level & Executive Communication
- Engineering Culture & Cross-Functional Product Leadership

TECH STACK

Languages: JavaScript, TypeScript, Python, Kotlin, Swift

Backend: Node.js, REST, GraphQL, WebSockets, Microservices

Frontend: React, Next.js, React Native

Databases: PostgreSQL, MongoDB, Redis, Elasticsearch, DynamoDB

Cloud & DevOps: AWS, GCP, Docker, Kubernetes, GitHub Actions, Terraform, Various CI/CD

Architectures: Event-Driven, Microservices, DDD, Scalable APIs

EXPERIENCE

Artol Web Studio – Remote

Founder & Director of Engineering • Jul 2024 – Present

Launched a web development studio focused on rapid-launch, affordable web-based software solutions for startups and small businesses.

- Delivered custom web applications for clients optimized for usability, performance, and conversion primarily using Node and Nextjs
- Managed distributed engineering teams across projects; implemented agile PM and DevOps workflows for efficient delivery
- Oversaw project scoping, technical architecture, and client communication to ensure scalable solutions with business ROI

Sporttrade – Remote

VP of Mobile & Web Engineering • Jun 2022 – Jan 2025

Promoted after demonstrating ability to scale engineering operations and deliver customer-facing products.

- Scaled engineering team from 1 to 12, launching 3 production platforms critical to Sporttrade's market entry and user growth
- Led architecture and buildout of real-time trading apps (iOS, Android, Web) under strict uptime and compliance requirements using Node.js, React, Swift, Kotlin, and GCP
- Reduced deployment time by 40% by overhauling CI/CD pipelines and instilling continuous delivery best practices

Head of Web Development • Aug 2021 – Jun 2022

Recruited to build and formalize Sporttrade's web engineering function from the ground up.

- Established code quality and operational excellence standards across frontend and backend web systems
- Defined delivery frameworks that improved collaboration between product, design, and engineering
- Mentored junior and mid-level developers into technical leads, laying the foundation for a resilient engineering culture

Solutionary (Software Consultancy) – Remote

Technical Founder & CEO • Jun 2020 – Dec 2022

Built and led a consulting firm specializing in full-stack fintech product delivery and engineering advisory.

- Scaled company from solo consultant to 12 employees; drove 400% YoY revenue growth via strategic client acquisition
- Delivered solutions across payments, compliance, and investment platforms using various technologies like Node.js, React, React Native, Typescript, AWS, and GCP
- Acted as interim CTO for early-stage startups, guiding architecture and engineering team formation

Duzy – Remote

Head of Engineering • Oct 2019 – Dec 2020

Led engineering for a startup building interactive video commerce solutions.

- Managed 12-person globally distributed engineering org; recruited and scaled engineering
- Designed and deployed scalable microservices architecture using Node.js and AWS
- Collaborated with C-Suite on product direction and delivery timelines for go-to-market execution

Vanguard – Malvern, PA

Software Development Manager • Mar 2019 – Oct 2019

Hired to modernize legacy financial systems during enterprise cloud migration initiative.

- Led migration of internal tools from monolithic systems to containerized microservices
- Designed and implemented data transformation pipelines from DB2/Oracle to DynamoDB

FS Investments – Philadelphia, PA

Technical Lead / Engineering Manager • 2016 – 2019

Oversaw technical delivery of an alternative investment trading platform from conception through launch.

- Scaled engineering org from 5 to 22 across 3 cross-functional teams, including hiring, mentoring, and technical planning
- Led the transition from .NET monolith to Node.js based microservices with Kubernetes and AWS
- Built CI/CD pipelines that reduced feature delivery timelines by over 50%

Vapor Puffs (DTC E-Commerce Startup) – Remote

Founder & CEO • 2014 – 2017

Bootstrapped and exited a profitable online retail business in the vaping industry.

- Grew revenue to \$500K+ annually with \$7K seed investment, handling end-to-end ops and tech development
- Successfully exited business through a 100% cash acquisition

Earlier Experience:

- **Michael Baker International (Hamilton, NJ)** – *Senior Software Engineer*, led GovTech projects under state/federal contracts (2009–2014)
- **Partners in Care (New York, NY)** – *Software Engineer*, built internal web tools for care coordination and data intake (2007–2009)

EDUCATION

Columbia Southern University – Computer Information Systems

CUNY Brooklyn College – Computer Information Systems