

# FULL NAME

City, State | (123) 456-7890 | name@gmail.com | LinkedIn.com

## DIRECTOR OF ENGINEERING

Engineering Leader with 20+ years of experience in executing technical roadmaps, overseeing end-to-end development processes, heading cross-functional teams, implementing agile methodologies, and delivering user-friendly software solutions. Demonstrated expertise in SaaS/PaaS product development, aligning technology with business objectives, and leveraging emerging technologies for scalable solutions. Provided technical guidance and mentorship to cross-functional teams, fostering an environment of growth.

## CORE COMPETENCIES

Technical Architecture & Roadmap Execution • Business Development Strategy • Product Management • Feature Prioritization • Project Management • Site Reliability • Incident Response • Rapid Prototyping

## KEY HIGHLIGHTS

- Orchestrated six engineers to launch Docker Cloud Engine, a platform supporting GPU-enabled AI/ML workloads, now in private beta.
- Designed and deployed KettleOS within 3 months, enabling KettleSpace to re-launch its co-working business and secure 10 B2B customers, including NYU.
- Speaker at MongoDB World 2014; organizer for Docker LA Meetup, GraphDB LA Meetup, and Node Core – LA Meetup; contributor to Node.js Source, showcasing commitment to professional development and knowledge sharing within the tech community.

## ENGINEERING EXPERIENCE

### Engineering Manager • ABC Company • City, State • May 2023 – Present

Led product engineering teams (Compose and Cloud Dev) across Europe and the US, managing separate backlogs, product managers, and designers across nine time zones. Spearheaded several duties, including product roadmap/delivery milestones development, SDLC management, executive-level reporting, and team workflow optimization for improved productivity and timely delivery.

#### Cloud Development

- Assembled a team by integrating talent and technologies from three Docker acquisitions (Sysbox, Mutagen, and Tilt).
- Led engineers to build a new PaaS, launching Docker Cloud Engine with GPU-enabled support for AI/ML workloads to private beta.

#### Docker Compose & Kubernetes Integration

- Owned Docker Compose and transformed it from stagnation to active development to deliver long-awaited features, including:
  - Compose Watch, Compose Include, File Viewer with CLI integration, and Synchronized File Shares (SFS) integration.
  - Compose Lifecycle Hooks, Compose Publish to Registry, and OTEL integration for observability.
  - Refactored the Compose-Go library to improve performance and maintainability.

### VP of Engineering • XYZ Company • City, State • Nov 2020 – May 2023

Directed technical architecture and product development decisions by establishing the product roadmap/ project milestones, managing engineering budgets, and implementing DevOps practices. Recruited and led a remote team of 12 software engineers across front/back-end, and mobile development, overseeing their career growth and integrating US-based and offshore resources.

#### Product Launch & Development

- Launched three products: KettleOS, KettleSpaces v2, and NYU Mobile Scan & Reserve, and developed a range of mobile and web applications that complement each product.
- Designed the KettleOS platform deployed on AWS and Kubernetes (EKS) utilizing technologies such as NodeJS, React, React Native, MongoDB, PostgreSQL, and Keycloak.

#### Customer & User Engagement

- Improved the Scan & Sit solution by implementing Group Reservations for NYU students based on feedback and adapting the existing mobile solution to enhance student convenience with a QR code-based system, which was beta tested in January '22 and fully launched in February '22.

### Software Architect • LMN Co. • City, State • Mar 2019 – Oct 2020

Contributed to Bluebeam's transition into a cloud software provider by collaborating with engineering, QA, DevOps, product, security, and IT teams, ensuring best practices in software architecture and the software development lifecycle (SDLC). Mentored over 100 engineers, tech leads, and managers across 14 teams and six products to improve technical execution.

#### Product Evaluation & Process Optimization

- Led product evaluations, including selecting new authentication and authorization solutions, narrowing options to three, and prototyping them to assess their total cost of ownership (TCO).
- Oversaw the re-architecture of Project Atlas, resulting in improved performance and cost savings of over \$1,000 per month for each client on AWS.
- Streamlined the SDLC process for the Bluebeam Studio SaaS backend by eliminating bottlenecks and implementing best practices like trunk-based development and automated testing which reduced delivery cycle times by an average of two weeks.

### VP of Technology • XXX Company • City, State • Sep 2015 – Feb 2019

Built and led a 30-member technology team with a mix of local and remote talent, managing 14 on-site Software Engineers, an IT Operations Specialist, 2 Project Managers, and a 4-person QA team locally. Transitioned outsourced technology operations from China to Costa Rica, improving oversight and operational efficiency. Implemented Agile processes across all business units using Jira within the first month and established IT SOPs, including PCI compliance.

#### E-Commerce, ERP Solutions, & DevOps

- Transformed a LAMP-based solution (Prestashop) into a Stateless REST API, resulting in the successful launch of a new website and new iOS app leading to a 200%+ increase in conversion purchase rates (from 3.4% to 8.2%).
- Integrated Desk.com for customer support and handled ERP operations with Apache Ofbiz, supporting farms and florists in shipping over 500,000 bouquets annually, including 120,000+ packages for Mother's Day 2016.

#### Internship & Development Initiatives

- Created a successful 10-week internship program in partnership with General Assembly, hiring 2 interns for full-time roles.
- Single-handedly implemented build and deployment integration using Travis-CI, Docker, and AWS ECS, along with feature-based deployment proxy utilizing Nginx and etcd.

### Director of Technology, Innovations • OPQ Company • City, State • Aug 2010 – Sep 2015

Transformed the Innovations Department into a thriving unit, leading the creation and rollout of three strategic products. Spearheaded operational efficiency, technical innovation, and cross-functional collaboration, driving results for high-profile clients (Kraft, Walmart, Mattel, T-Mobile, and Intel) and delivering on challenging projects within budgets and deadlines.

#### Firestarter

- Revitalized a stalled social influencer network platform, delivering a complete rollout in six months.
- Re-engineered the API from Python to a RESTful Node.js service with live documentation and redesigned the tracking system using Kafka to enhance scalability and monitor engagement.

#### Elite Receipt 2.0

- Launched an upgraded brand loyalty program that rewards customers for submitting receipts, empowering the Interactive Team to customize front-end independently.
- Developed as a responsive SPA in Angular.js with i18n support, launching for Mattel in Indonesia

#### TryNow

- Enabled customers to submit in-store images via SMS for validation through a moderated approval process.

## EDUCATION

**Bachelor of Science, Computer Science** • University of Southern California, Viterbi Engineering School

## CERTIFICATIONS

Certified ScrumMaster (CSM) – Scrum Alliance | Six Sigma Black Belt | Certified Java Developer

## TECHNICAL SKILLS

Agile Methodologies (Scrum, Kanban, Lean) • SDLC • JavaScript • Node.js • React/React Native • Kubernetes • Docker DevOps Automation (Terraform, Helm) • AWS (Amazon Web Services) • Google Cloud Platform (GCP) • MySQL/PostgreSQL • Kafka Event-Driven Architecture • Java • Golang • REST APIs & GraphQL • Redis • MongoDB • CI/CD (Travis-CI, Jenkins) • Microservices UML & Domain-Driven Design • React Frameworks & Libraries (Redux) • Rx.js • Cloud-Native Development (Serverless, AWS Lambda)