## **Profile**

Dynamic Platform Owner, Architect, and Product Leader with 14+ years of expertise in DevOps, site reliability engineering, and platform engineering. Adept at managing business-critical, premium-tier applications, and cloud platforms. Passionate about scaling infrastructure, optimizing performance, and delivering impactful solutions. Proven ability to develop technical strategies, drive product roadmaps, build Agile teams, and foster cross-functional collaboration to achieve business objectives efficiently.

## **Education**

### Master of Business Administration (MBA)

Leeds School of Business, University of Colorado, Boulder (May 2021 – May 2023)

- Specialization in Product Management, New Product Development, Marketing, Finance

### Master of Science, Electrical Engineering (MS)

Lamar University, Beaumont, TX (Aug 2008 – Aug 2010)

### Bachelor of Science, Electronics and Communications Engineering

CRR College of Engineering, Andhra University, Visakhapatnam, India (Aug 2004 – Jun 2008)

## **Skills & Expertise**

✔ Product & Program Management: Roadmap Planning, Agile, OKRs, Stakeholder Communication

✔ DevOps & Cloud: AWS, EKS, Google Cloud, Docker, Kubernetes, CI/CD Pipelines

✔ SCM & Build Systems: Git/Gerrit/GitLab, Perforce, Maven, ANT, Jenkins, SonarQube

✔ Programming: Python, Ruby (Chef), Shell, C, Java

✔ Monitoring & Security: Splunk, Datadog, PagerDuty, IT Compliance

✔ Infrastructure as Code (IaC): Chef, Terraform, Helm, Kubernetes

✔ Product & Program Management: Roadmap Planning, Agile, OKRs, Stakeholder Communication

## **Work Experience**

### Platform Owner / Sr. Staff DevOps Engineer / Manager

Qualcomm (Apr 2017 – Present)

✔ Platform owner for SCM platforms (Gerrit, GitLab, GitHub) supporting 50,000+ developers globally.

✔ Led architecture, scaling, and infrastructure management across 1,000+ Linux-based hosts in 20+ geo-distributed locations, including cloud.

✔ Developed a 5-year strategic roadmap, improving developer efficiency by 60%.

✔ Spearheaded migration to containerized rancher/K8 deployment, reducing operational costs by 40%.

✔ Managed a team of 24 engineers globally, overseeing performance, sprint execution, and career growth.

✔ Optimized SCM workflows, reducing code review turnaround time by 40%.

✔ Architected Edge Server solutions, reducing latency in distributed environments by 30%.

✔ Implemented automated testing & security scanning, decreasing vulnerabilities by 50%.

✔ Spearheading an AI-powered code review automation system, reducing manual review effort by 60%, improving software quality, and accelerating development cycles.

✔ Architected an ML-driven code analysis pipeline that integrates with Gerrit, GitLab, and GitHub, catching critical defects 40% earlier in the development lifecycle.

✔ Designed an automated feedback mechanism that learns from senior developers’ reviews, improving code suggestions over time and standardizing best practices.

✔ Reduced average pull request review time by 50%, increasing developer productivity and minimizing time spent on repetitive review tasks.

✔ Developed a context-aware AI reviewer that dynamically adjusts to different coding standards and repository structures, improving adoption rates among engineers.

✔ Presented Qualcomm’s AI-enhanced SCM strategies at industry conferences to showcase innovation in developer experience and DevOps efficiency.

✔ Contributing to Qualcomm’s next-gen DevOps roadmap by integrating AI-driven tools into enterprise-wide CI/CD pipelines. ✔ Certified Scrum Master, leading Agile execution for the PDLM SCM organization.

### Product Manager & Technical Advisor (Part-Time, No Conflict with Primary Responsibilities)

Transpoze.ai (Jan 2025 – Present)

✔ Led AI-driven intelligent data transformation platform, improving processing efficiency by 40%.

✔ Conducted SWOT analysis, defining market positioning and competitive advantages.

✔ Designed and refined MVP, ensuring alignment with customer pain points and business objectives.

✔ Identified key differentiators through extensive research and user feedback.

✔ Conducted competitive analysis, evaluating industry trends and emerging technologies.

✔ Formulated pricing and breakeven strategy, optimizing revenue models for sustainable growth.

✔ Defined Total Addressable Market (TAM), Serviceable Available Market (SAM), and Serviceable Obtainable Market (SOM) to drive data-driven business decisions.

✔ Increased beta user engagement by 50% through targeted adoption strategies.

✔ Established Agile workflows, increasing delivery speed by 15%.

### Commercialization Engineer / Sr. Software Engineer

Qualcomm (Apr 2013 – Mar 2017)

✔ Managed GNSS integration for Apple’s iPhone and wearables, leading to successful product launches.

✔ Designed automated build & release pipelines, cutting deployment time by 50%.

✔ Spearheaded software optimization initiatives, improving location services performance by 25%.
✔ Collaborated with cross-functional teams to ensure seamless integration of GPS firmware updates.
✔ Conducted extensive debugging and performance tuning, reducing critical issues by 30%.

### Infrastructure Engineer / Software Engineer

Northwestern Mutual (Nov 2010 – Mar 2013)

✔ Led build & release processes for mission-critical applications, improving deployment efficiency by 40%.

✔ Implemented automated CCB workflows, reducing manual effort by 60%.

✔ Developed and maintained infrastructure automation scripts, reducing deployment errors by 35%.

## **Publications**

### SREs: Prime Directives and Ultimate Goals

Featured in IT Pro Today, discussing best practices and future trends in Site Reliability Engineering (SRE).

### SREs: Shift-Left Strategies in Software Development Life Cycle

Featured in IT Pro Today, How Agile Shift-Left Is Revolutionizing Software Development

### Licklider Transmission Protocol (LTP)-based DTN for Cis-lunar Communications

Researched long-link disruption resilience in deep-space networks.

## **Certifications & Achievements**

🏅 Certified Scrum Master (CSM) – Agile leadership for high-performance teams.

🏅 Globee Awards Judge – Cybersecurity Award nominations for industry excellence.

🏅 Globee Awards Judge – Artificial Intelligence

🏅 Globee Awards Judge – Technology (In Progress)

🏅 Globee Awards Judge – Women in Business

🏅 Multiple Super QualStar Awards – Qualcomm recognition

🏅 Speaker at 2024 Gerrit User Summit – Industry leader in SCM & DevOps best practices.