

YAGNESH DIXIT

Technology Executive | Engineering Transformation | AI-Enabled Product Delivery | Scalable Platform Architecture

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PROFESSIONAL SUMMARY

- **Accomplished Technology Leader** with 17+ years of experience directing engineering execution, platform modernization, scalable SaaS architecture, and cross-functional product delivery across fintech and enterprise systems. Proven track record of building resilient, high-availability applications, improving engineering productivity, and driving business growth through technology innovation.
 - **Hands-on Engineering Executive** with deep expertise in cloud-native systems, CI/CD modernization, mobile and backend platforms, and AI-assisted development workflows. Experienced in leading distributed teams, optimizing developer efficiency through AI tooling, and implementing operational automation using LLM-driven workflows and modern engineering practices.
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CORE COMPETENCIES

- **Engineering Leadership & Strategy:** Engineering Execution, Platform Modernization, Technical Roadmap Planning, Agile Delivery, Delivery Governance, KPI-Driven Engineering Management, Budgeting & Cost Optimization.
 - **AI & Engineering Transformation:** AI-Assisted Development Workflows, GitHub Copilot, OpenRouter, Continue.dev, Cline, Aider, MCP Experimentation, LLM Workflow Automation, Self-Hosted Models (Ollama, LM Studio).
 - **Cloud & Infrastructure:** AWS (ECS/ECR, EC2, Amplify), Docker, CI/CD Pipelines, Expo EAS, Deployment Strategy, Operational Reliability.
 - **Technology Stack:** NestJS, PHP, MySQL, Redis, RabbitMQ, React Native, Angular, Next.js, Laravel, PostgreSQL, .NET.
 - **Specialized Domain Knowledge:** Fintech Platforms, Payment Integrations (Stripe, Razorpay), Compliance Frameworks, High-Traffic Scalability, Identity Verification.
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PROFESSIONAL EXPERIENCE

Power Financial Wellness, Inc.

Engineering Architect & Delivery Lead | July 2021 - Present

- **Fintech Scalability:** Architected and scaled secure fintech and micro-lending platforms supporting high-volume concurrent traffic with zero downtime during critical business events.
- **Multi-Region Architecture:** Led engineering strategy for multi-region mobile platforms across Kenya, Uganda, Zambia, Rwanda, and other markets by implementing a configurable React Native architecture enabling a single codebase to support multiple regional deployments efficiently.
- **Cross-Functional Leadership:** Directed cross-functional engineering initiatives involving product, UX, marketing, and backend teams to deliver seamless customer acquisition and marketing campaign experiences integrated with payment and onboarding systems.
- **Engineering Metrics:** Implemented engineering productivity frameworks and KPI-driven execution practices using metrics such as crash rate, defect count, deployment velocity, and delivery throughput.
- **Infrastructure Modernization:** Modernized CI/CD and deployment infrastructure using AWS ECS/ECR, EC2, AWS Amplify, Docker, and Expo EAS pipelines to improve release consistency and deployment efficiency.
- **AI-Assisted Engineering:** Led AI-assisted engineering modernization initiatives using GitHub Copilot and structured backend abstraction frameworks to refactor legacy React Native applications, reducing production crash rates from 1.25% to 0.4%.
- **Workflow Automation:** Experimented with LLM-driven operational automation using MCP-based tooling orchestration. Designed workflows where scheduled jobs triggered LLM decision pipelines capable of dynamically selecting operational tools, handling retries, and escalating incidents through automated WhatsApp and email notifications.
- **Tool Evaluation:** Evaluated and implemented multiple AI coding environments including OpenRouter, Continue.dev, Cline, Aider, Ollama, and LM Studio to improve engineering productivity and explore scalable AI-assisted development workflows.
- **Backend Systems:** Designed and deployed scalable backend systems using NestJS, MySQL, Redis, RabbitMQ, and AWS cloud infrastructure.
- **Team Mentorship:** Led and mentored a cross-functional engineering team of developers, QA, and support engineers while balancing aggressive delivery timelines and operational constraints.

Intertek India

Project Development Manager | December 2016 – June 2021

- **Global Operations:** Directed mission-critical enterprise applications used across 13 countries, ensuring 24/7 operational reliability and preventing significant business disruption.
- **Scalability & Compliance:** Managed engineering delivery and continuous improvement initiatives for global laboratory testing operations with a focus on scalability, compliance, and operational resilience.

- **Stakeholder Management:** Led cross-functional coordination between business stakeholders, operations teams, and engineering groups to align technology initiatives with business continuity requirements.
- **Agile Governance:** Oversaw engineering planning, prioritization, and delivery governance using Agile and Kanban-based workflows.

Ness SES

Sr. Software Engineer | *August 2014 – November 2016*

- Managed development and maintenance of enterprise and public-facing applications for an international real estate client (Long and foster).

Marico Limited

Development Lead | *April 2013 – August 2014*

- Led development and support of internal enterprise applications, including HR systems supporting over 1,000 employees.

Kalypto Risk Technologies Pvt. Ltd.

Sr. Software Engineer | *September 2012 – January 2013*

- Developed banking and risk assessment platforms focused on operational and credit risk management for financial institutions in Sri Lanka.

Idealake Information Technologies

Software Engineer | *August 2011 – September 2012*

Viral Technologies Pvt. Ltd.

Software Engineer | *January 2009 – July 2011*

EDUCATION

- **Master of Computer Applications (MCA)** | University of Mumbai (2011)
- **Bachelor's Degree, Physics** | RKT Ulhasnagar (2006)