

Vineet Makarand Sansare

Engineering Manager

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EXECUTIVE PROFILE

Results-driven and versatile Technical Engineering Leader with over 14 years of experience delivering enterprise-grade mobile systems across high-scale fintech, digital wealth, and banking platforms. Adept at bridging corporate business strategy with robust technical execution, managing high-performing cross-functional squads, and optimizing release quality. Proven champion of modern software craftsmanship, specializing in highly scalable modular architectures, end-to-end CI/CD release management, and eXtreme Programming (XP) practices like TDD and automated testing. A pioneer in AI-accelerated development, having trained hundreds of engineers to drive organizational engineering velocity by 40-50%.

PROFESSIONAL EXPERIENCE

Engineering Tech Lead

Emirates NBD

10/2022 – Present
Dubai, UAE

- **Team & Engineering Leadership:** Provide direct technical management, mentorship, and career pathing for a team of 8–10 iOS/Android engineers within a 12-14 member cross-functional squad; own technical screening and final hiring choices for 25+ candidates.
- **Architecture & High-Scale Delivery:** Partnered with Solution Architects to design modular, API-driven architectures for the flagship Digital Wealth platform, deploying critical trading systems integrated with PMS/OMS, generating a 30% engagement surge across 25,000+ accounts.
- **Quality & XP Practices:** Spearheaded an automated UI testing paradigm via WebdriverIO, cutting post-release regression defects by 40% and achieving 90%+ code coverage on critical journeys.
- **AI-Driven Transformation:** Pioneered tribe-wide adoption of Generative AI tools (Claude Code, Github Copilot), accelerating time-to-market by ~40-50% and executing internal training for 200+ engineers via internal guild sessions.
- **Release & Stakeholder Governance:** Owned end-to-end mobile release quality and deployment cycles using feature flagging and gradual rollouts to mitigate production risk; managed cross-team dependencies across backend and infrastructure teams to align product vision with engineering delivery.
- **Honored** with the **prestigious ENBD GEM Award (2023)** for outstanding delivery and architecture of Digital Wealth platforms.

Senior Software Engineer / Squad Tech Lead

Abu Dhabi Islamic Bank (ADIB)

01/2019 – 09/2022
Abu Dhabi, UAE

- **Product Delivery & Performance:** Led mobile development for core digital banking journeys (onboarding, KYC, transfers, payments, smartbanking), optimizing legacy modules to dramatically drop app load times.
- **Architecture Modernization:** Collaborated with enterprise architects to refactor large-scale legacy components into clean, modular MVVM architectures, boosting structural maintainability.
- **System Integration & Compliance:** Managed secure integrations with core banking mainframes, payment gateways, and third-party APIs while enforcing strict compliance with OAuth, GDPR, and PCI-DSS.
- **Team Coaching:** Guided junior and mid-level engineers through regular code reviews, technical governance, and Agile delivery best practices.

Mobile Development Manager

Hinduja Global Solutions (HGS)

10/2017 – 01/2019
Mumbai, India

- **Engineering Management:** Managed the end-to-end development life cycle and architecture for a portfolio of client mobile applications, including enterprise systems and OTT platforms.
- **Codebase Modernization:** Led the strategic migration of legacy monolithic Objective-C applications to modern, Swift-based modular frameworks, significantly improving code maintainability.

- **CI/CD Automation:** Established robust automated CI/CD pipelines utilizing Fastlane and Jenkins, removing deployment friction and scaling release efficiency.

Tech Lead

Idealake Information Technologies

03/2017 – 09/2017
Mumbai, India

- **Squad Coordination:** Directed and mentored a team of 8 software engineers, guaranteeing the on-time delivery of premium applications for marquee clients like Raymond and Future Generali.
- **Cross-Functional Delivery:** Partnered directly with client stakeholders, backend engineers, and UI/UX designers to translate requirements into seamless mobile feature rollouts.

Senior Software Engineer

Mobond Consultancy

06/2016 – 03/2017
Mumbai, India

- **Scale & Engineering:** Solely developed, rewrote, and launched m-Indicator, a public transport application achieving 20,000+ downloads and serving a massive daily commuter base.
- Integrated core offline storage infrastructure, real-time push notifications, and Google Maps API to boost utility.

Senior Software Engineer

Hexaware Technologies

12/2010 – 07/2016
Mumbai, India

- **Platform & Mobile Transition:** Pioneered the team's platform shift from legacy .NET web systems over to native mobile app development as an early adopter of Swift, delivering enterprise transport and logistics applications featuring real-time location tracking and secure payment gateway integrations.
- Awarded the **Hexaware ACE Award** (2012) for stellar project delivery.

TECHNICAL SKILLS & COMPETENCIES

Leadership & Methodology

Engineering Management, Technical Mentorship, Cross-functional Hiring, Performance Reviews, Agile (Scrum, Kanban), XP Exposure (TDD, Pair Programming, Trunk-based Development)

AI & Workflow Automation

Claude Code, GitHub Copilot, ChatGPT, Microsoft Copilot, Custom AI Agents, Knowledge Graphs, n8n, Zapier

DevOps, Cloud & Tools

Git Worktrees, Fastlane, Jenkins, GitHub Actions, Docker, Kubernetes (OpenShift), AWS (Lambda, S3), Google Cloud (GCP), WebdriverIO, Firebase, Figma, Postman

Mobile Architecture

Modular Architecture, Microservices, Domain-Driven Design (DDD), API-First Design, MVVM, MVC, VIPER, TCA, Dependency Injection, System Integration

Languages & Frameworks

Swift, SwiftUI, Objective-C, Kotlin, TypeScript, JavaScript, Node.js, React Native, C#, SQL

Security & Compliance

OAuth, GDPR, PCI-DSS, Data Privacy Regulations

CORE IMPACT & CAREER HIGHLIGHTS

AI Transformation

Trained 200+ enterprise engineers on AI-assisted workflows (Claude Code, GitHub Copilot), yielding a 40–50% speed acceleration.

Scale & Engagement

Spearheaded mobile platforms driving a 30% increase in customer engagement to support over AED 100M+ in trading turnover.

People Leadership

Direct line management, mentorship, and career growth for teams of 8–10 mobile engineers within 12–15 member cross-functional squads.

EDUCATION

MBA (Information Technology)

Southern New Hampshire University, USA

2012 – 2014

