NIKITA GURWANI
ENGINEERING MANAGER | FRONTEND DEVELOPER

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About Me

Engineering Manager & Frontend Developer with **10+ years of IT experience** specializing in fintech and payment solutions. Led development of **UPI soundboxes, card payment devices**, and **10+ Android applications** using **Java, Kotlin, React Native, C/C++**. Successfully managed teams of **7+ engineers**, achieved **98% code quality improvements**, and delivered products serving **1 lakh+ users** across international banking partners.

Skills

- Project and Oncall Management Skills
- Agile Scrum & SAFe Methodologies
- OKR & Annual Roadmap Planning
- Strategic Planning & Execution

COMPETENCIES

Management & Analytics Tools

- AI Tools: Cursor Studio, Rork Gemini, ChatGPT
- Sprint Planning(JIRA), DevRev Tool, Zenduty, Coralogix alerts, Firebase
- Crashlytics, GreyLogs, RedShift

Programming Languages & Frontend Technologies

- Kotlin, Java, Android Native Development
- React Native, JavaScript, TypeScript

Work Experience

Engineer Manager, Lead
Razorpay
2022 - Present

- **Team Leadership & Product Innovation:** Direct a team of **7 software engineers** in scalable payment solutions across multiple platforms. Led and conceptualized the first **Dynamic and Static QR Soundbox Development** for UPI payment acceptance, launching for 3 banks with **1 lakh+ users**. Led development of **PoS app for card payment devices** with **contact and contactless card integration** from different OEMs like **PAX, Verifone Asinos**. Delivered solutions using **Java, Kotlin, C, C++, and React Native** for comprehensive cross-platform payment processing.

- **AI & Automation Excellence:** Architected **AI-powered communication connectors** for **Slack, Gmail, and Google Suite**. Implemented **intelligent email prioritization system** using ML models, reducing manual filtering time by **70%**. Built custom **MCP servers** and trained AI models using **Cursor Studio AI tools**.

- **International Banking & P2P Systems:** Engineered **P2P payment system for Americano** and Dubai banking partners including **Mashreq Bank and NI Bank**. Successfully handled **national and international bank certifications**, ensuring compliance across multiple regulatory frameworks and payment standards.

- **Code Quality Transformation:** Spearheaded comprehensive quality initiatives achieving **0% → 98% code health improvement** for Payment app, **0% → 40% code smell reduction** for SDK, and elevated **unit test coverage from 0% to 60%**. Automated **700+ test cases** using AI-enhanced frameworks.

- **Team Development & Process Optimization:** Established **Individual Development Program** resulting in **50% team promotions**. Implemented technical review processes reducing project overages to below **15% organizational target**. Enhanced forecasting, testing pass rates, and design consistency.

- **System Reliability & DevOps Excellence:** Implemented comprehensive **alert monitoring systems** with **real-time error tracking** across payment infrastructure, achieving **99.9% system uptime**. Established **on-call rotation frameworks** and mentored **5+ Technical Leads** on incident management, reducing **escalation time by 60%** and improving **MTTR (Mean Time to Recovery) by 45%**. Deployed **automated alerting pipelines** using **Zenduty, Coralogix, and Firebase**.

- HTML5, CSS3, Modern Web Development

Sync Frameworks

- Mongo Db, Realm Db, Couchbase

Databases and Caches

- MongoDB, Realm dB, MySQL, Room, SQLite
- Big Query, Shared Preferences

Strengths

- **System Design & Application Architecture**

  Good hands-on experience in the design and architecture of complex payment solutions

- **Team Management & Mentorship**

  Hand-on experience with managing and mentoring a large team

- **POS Device Integration & Bank Certifications**

  Excellent command of payment integration and certification

- **Analysis**

  Strong analytical and communication skills, adept at market research and data analysis

- **Technical Leadership & Strategic Planning**

  Proven ability to drive product vision and manage cross-functional teams

Language

English   ★★★★★

Hindi   ★★★★★

Education

Nagpur University

Bachelor of Engineering in CS

2009-2012

Senior Software Engineer II   2019 - 2023
Athenahealth

- Led development of **Epocrates medical app** using **Jetpack Compose, MVVM architecture, RxJava, and Kotlin** . Properly designed and developed the app for enhanced user experience, implementing modern Android architecture patterns while ensuring bugs-free delivery. Covered design, development, **80% > unit testing & automation** .

- Completed the **Automation testing/UI testing** of free and paid users, which stabilised **90% of the build** & created **Cron Jobs** for automation testing in aws by using **Espresso & UI Automator** .

- Hands-on **Integration testing** & spike on **Screenshot testing** by using Firebase tools. Worked on **Wiremock server** by using **Docker** so that test cases could run on **Mock Live data** . Use of **Sonarqube** for testing reports to analyze the project code.

- Worked on **A/B testing** and sanity testing/patches. Contributed more than **20,000 unit test cases & 1000 UI test cases** for our Epocrates app.

Software Developer I   2015 - 2019
Onmobile Global Ltd

- **Global Telecom Solutions:** Delivered **9+ enterprise applications** for major operators across **8 countries** including **Vodafone, Airtel, Telefonica, and Tim Italy** . Achieved **99.5% uptime** serving **millions of subscribers** .

- **Video & Audio Processing:** Architected **VideoRingback Tone platform** using **ExoPlayer, Retrofit, Room Database, and Android Jetpack** . Implemented **intelligent auto-profile detection** with context-aware features.

- **Performance & Architecture:** Achieved **40% faster load times** and **60% memory optimization** . Developed reusable **boilerplate frameworks** and **modular patterns** adopted across **15+ projects** .

Software Developer I   2014 - 2015
Lift Off

- Developed **Samsung Gear wearable applications** using **Tizen-SDK, HTML, JavaScript, and CSS** . Established **socket connections** between devices and implemented **security-focused architecture** with **user privacy protection** .

Software Developer I   2013 - 2014
Notion Ink

- Pioneered Android development for **India's first tablet launch** as the **sole Android developer** . Self-taught **Java and Android platform** to create multiple applications including **Rich Notepad (WYSIWYG editor), Slide Show (digital advertisement platform), and Battery Utility Test** .