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Kruthish Kandula

Professional Summary

Full-Stack Software Engineer with 3+ years developing cross-platform mobile and web applications. Built mobile applications serving 2M+ users across 5 African markets with $50M+ in processed transactions. Improved application performance by 80% through architectural modernization and reduced deployment time by 30% implementing CI/CD workflows. Expert in React Native, Node.js, and fintech payment integrations with published applications on Google Play Store, Apple App Store, and Huawei AppGallery.

Key Achievements

Architecture	Transformed legacy systems through complete modernization, delivering 80% performance improvement and 50% crash rate reduction via React Native optimization
Scale	Built fintech solutions managing $50M+ in monthly financial transactions across 5 African regions, serving 2M+ active users
DevOps	Implemented Azure CI/CD pipelines that cut deployment cycles by 30% while maintaining 99.9% uptime and zero critical incidents
Localization	Created CMS-driven multi-language platform supporting 8+ African languages with real-time content delivery capabilities
Quality	Achieved 90% test coverage through comprehensive Jest testing framework and eliminated all critical production bugs
Leadership	Provided onsite technical leadership in Ghana, mentoring international teams and managing operations across 4 time zones

Core Competencies

Mobile Development • Cross-Platform Architecture • Fintech Solutions • Payment Gateway Integration • Performance Optimization • CI/CD Implementation • API Architecture • Database Design • Cloud Deployment • Team Leadership • International Collaboration • System Modernization

Technical Skills

Mobile Development	React Native, Expo Framework, Native Modules, CodePush, Deep Linking, iOS/Android Development, App Store Publishing, Redux, Zustand
Web Development	React.js, TypeScript, JavaScript (ES6+), Redux Toolkit, Context API, Single Page Applications

Backend Technologies	Node.js, Express.js, RESTful APIs, Strapi CMS, Microservices Architecture, GraphQl, Web sockets
Database Systems	PostgreSQL, MongoDB, Firebase, SQLite, Neon Serverless, Drizzle ORM
DevOps & Cloud	Azure CI/CD, Azure Actions, Docker, Performance Monitoring
Payment & Security	Payment Gateway Integration, Mobile Money Services, PCI Compliance, Dexguard, Biometric Authentication
Testing & Quality	Jest Framework, Unit Testing, Integration Testing, Code Reviews, Firebase Crashlytics

Work Experience

January 2024–Present

Senior Software Engineer, *Comviva Technologies*, Ghana

- Drive React Native development for enterprise mobile applications across 5 African regions, delivering comprehensive mobile money services that process $50M+ in monthly transactions
- Engineer scalable full-stack solutions integrating 12+ payment gateways and third-party services, achieving 99.9% system uptime and zero critical failures
- Transform product lifecycle from development to App Store deployment, implementing CI/CD workflows that eliminated 30% of integration errors and reduced release cycles
- Lead onsite technical operations in Ghana, managing client relationships while coordinating 10+ international, of-shore team members across 3 time zones
- Boost application performance by 40% in launch times and 25% in memory efficiency through advanced debugging and optimization techniques
- Design comprehensive Git branching strategies and continuous integration workflows, streamlining development processes across teams

September 2022–December 2023

Product Development Engineer, *Comviva Technologies*, Hyderabad

- Built 3 cross-platform mobile applications using React Native and Redux, successfully integrating 20+ telecom APIs that serve 500K+ active customers daily
- Developed robust payment gateway integrations with advanced error handling, achieving 99.8% transaction success rate and eliminating 60% of payment failures
- Executed complete legacy system transformation, migrating entire codebase to modern React Native architecture resulting in 80% performance gains
- Established comprehensive testing framework using Jest, achieving 75% code coverage while conducting 100+ detailed peer code reviews
- Partnered with 12+ cross-functional teams to ship Invest, Insurance and subscription management features, driving 35% increase in customer retention rates

Education

2022

Apprenticeship, Full Stack Developer, *NxtWave Disruptive Technologies*, Hyderabad

2018–2022

Bachelor of Technology, Electrical Electronics Engineering, *Guru Nanak Institutions Technical Campus*, Hyderabad

Certifications & Recognition

2024   MTN Ghana Appreciation Certificate - React Native development excellence and client collaboration

2023   React Native Developer Certificate - Udemy

2022   MERN Stack Development Certificate - NxtWave (ReactJS, NodeJS, MongoDB)

Projects & Impact

Fintech Platform   Built mobile money platform serving 2M+ users throughout Ghana, CDI, Uganda, Cameroon, and Zambia with real-time transaction processing

Legacy Modernization   Directed complete system overhaul reducing technical debt by 70% and improving maintainability through modern React Native patterns

Multi-language CMS   Developed headless CMS solution enabling rapid localization deployment, cutting time-to-market by 50% for new market entries