

Nishant Tanwar

Sr. Full-Stack Engineer

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SUMMARY

With over 10 years of professional experience, including 7 years of remote work, I am a seasoned Software Engineer proficient in a range of technologies, including Kubernetes, Google Cloud Platform, AWS, Microservices, Android, Kotlin, Java, and Jetpack Compose. Throughout the years, I have contributed to diverse domains such as Supply Chain, Service Marketplaces, and Financial Services. I am passionate about creating impactful solutions that drive meaningful change.

EXPERIENCE

Sr. Software Engineer

Jun '22 — Present

Tala

Remote

- Led the development of the Tala financial system, fostering cross-functional collaboration, resulting in over 20 million users.
- Integrated Server-Driven UI framework which boosted user interaction by 20%.
- Developed internal caching service, reducing request latency by 35%.
- Implemented cross-platform multi-country module to deploy applications into multiple countries (Philippines, India, Mexico, and Kenya).
- Led the development of an in-house wallet with multi-country payment gateways.

Sr. Software Engineer

Jan '16 — May '22

MileZero, a Capstone Company

Remote

- Architected and developed a sortation system, sorting 1 million packages daily for middle-mile delivery.
- Developed a last-mile delivery system incorporating shortest-path route planning algorithms, reducing delivery times by 20%.
- Integrated Telemetry system to get real-time location updates from the mobile apps, enhancing tracking accuracy and operational visibility.
- Implemented Jenkins CI/CD pipelines for automated testing and deployment of services to the AWS platform.

Sr. Software Engineer

Feb '15 — Jan '16

Urban Company

New Delhi

- Spearheaded the building, architecture, and maintenance of the UrbanCompany Android application.
- Successfully scaled the application from zero to 10 million users on Google Play Store.
- Contributed to the development of a new authentication feature that improved security and user retention.
- Improved app performance by 30% through a comprehensive rewrite of business logic by offloading intensive work to background threads, and implementing data caching in the local database.

Software Engineer

Nov '13 — Feb '16

Nearify

New Delhi

- First engineer hired in the company, developed native Android application from scratch.
- Developed a system to generate and deploy multiple Android apps in real time for each well-known city in the world.
- Reduced APK size by 25% through modularizing the app into smaller modules for reuse and efficiency.

SKILLS

Programming Languages Kotlin, Java, TypeScript, Python, C++, Node.js, GraphQL

Technologies/Framework Kubernetes, Docker, Spring Boot, Google Cloud Platform, AWS, Microservices, Kotlin Multiplatform, Nginx, Junit, MySQL, PostgreSQL, Memcached, JetBrains IDEs, Cassandra, DynamoDB, MongoDB, Jenkins, Android, Jetpack Compose, Clean Architecture, CI/CD

EDUCATION

Bachelor of Technology, GGSIPU

New Delhi, India

CERTIFICATIONS

Oracle Certified Expert - Java

Jan '11

Coursera Machine Learning

Mar '22