

VANDAN NANDWANA

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[LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [Portfolio](#)

PROFESSIONAL SUMMARY

Android Developer and Backend Engineer with expertise in developing scalable mobile applications and RESTful APIs using Kotlin, Java, Spring Boot, and MongoDB. Proficient in Android SDK, Jetpack Compose, MVVM architecture, and Kotlin Multiplatform (KMM). Experienced in building secure, full-stack solutions with JWT authentication, microservices, and database optimization. Adept at Agile methodologies and delivering clean, maintainable code.

TECHNICAL SKILLS

- **Programming Languages:** Kotlin, Java, Python, C
- **Mobile Development:** Android SDK, Jetpack Compose, XML, Coroutines, Flow, Kotlin Multiplatform (KMM), MVVM Architecture, Room Database
- **Backend Technologies:** Spring Boot, RESTful APIs, Spring Security, Hibernate, Java Servlets, Microservices
- **Databases:** MongoDB, MySQL, SQLite, SQL, NoSQL
- **Frameworks & Libraries:** Dagger-Hilt, Retrofit, Firebase, LiveData, ViewModel
- **Developer Tools:** Git, GitHub, Android Studio, IntelliJ IDEA, Postman, Gradle, Maven

INTERNSHIP EXPERIENCE

1. Backend Developer | CerboTech Education Pvt. Ltd. | 2024-25

- Designed and implemented RESTful APIs using Spring Boot, integrated with MongoDB for efficient data management.
- Developed secure user authentication systems using JWT tokens and Spring Security.

PROJECTS

1. Trip-Sheep [Trip Planning Application] [GitHub](#)

Tech Stack: Kotlin, Jetpack Compose, Spring Boot, MongoDB, Realm DB, SMTP

Developed an Android app using Kotlin and Jetpack Compose to enable personalized travel packages across India, building RESTful APIs with Spring Boot and MongoDB, integrating Open Maps API for location-based services, and implementing JWT authentication, BCrypt encryption, and SMTP for secure user management and notifications.

Developed an Android app to optimize food court operations, implementing real-time crowd detection with 95% accuracy using pending order analysis, long polling for live updates, Razor Payment Gateway for secure in-app ordering, and search functionality with fluid animations for enhanced user experience.

2. CROWDEASE [Food Courts Manager] [GitHub](#)

Tech Stack: Kotlin, Jetpack Compose, REST APIs, Razor Payment Gateway, Long Polling, Android Animations.

3. Do-Legal [Child Learning Platform] [GitHub](#)

Tech Stack: Kotlin, Jetpack Compose, Firebase, YouTube API

Created an educational Android app using Kotlin and Jetpack Compose to teach children about legal rights with an interactive UI, integrating Firebase Authentication, Firestore for data management, and YouTube API for seamless content delivery.

EDUCATION

Bachelor of Technology in Computer Science and Engineering | Parul University | 2022-2026

- CGPA: 8.71 (up to 5th Semester)

Higher Secondary Certificate | Vardaan Sr. Sec School | 2021-2022

- Score: 85.20%

Senior Secondary Certificate | Rashtra Bharti Academy | 2019-2020

- Score: 79.17%

CERTIFICATIONS

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| <ul style="list-style-type: none">• Global Funfest [Speaking Competition] Career Development Cell 2023-24, 2024-25 | <ul style="list-style-type: none">• Introduction to Software, Programming and Databases Coursera• Getting Started with Git & GitHub Coursera |
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