

ROHAN NAYAK

☎ 8260928574 ✉ rohanayak2003@gmail.com 🔗 linkedin.com/in/rohanayak2003

Professional Summary

Motivated Computer Science Engineering student seeking a challenging Android Developer position within a progressive organization. Offering strong foundation in full-stack development, API integration, and project management, with proven ability to deliver efficient solutions and collaborate within cross-functional teams.

Education

VIT Bhopal University

Expected May 2026

B.Tech, Computer Science and Engineering with specialization in Cyber Security and DigitalForensics

Bhopal, India

- Pursuing Bachelor of Technology with 8.30/10 CGPA

Little Angels School

May 2021

12th Standard (CBSE)

India

- Achieved 89.4% overall marks

Little Angels School

May 2019

10th Standard (CBSE)

India

- Achieved 95.6% overall marks

Experience

AI Intern

May 2023 – Sep 2023

Mathworks Virtual Internship Program

Remote

- Developed machine learning algorithms using MATLAB for advanced image processing applications, implementing feature extraction and pattern recognition techniques
- Executed digital signal processing projects including noise reduction, filtering, and spectral analysis using MATLAB Signal Processing Toolbox
- Completed comprehensive training modules in MATLAB programming, data analysis, and algorithm optimization techniques for AI/ML applications

Android Developer

Feb 2024 – Dec 2024

Open Source Club, VIT Bhopal

Bhopal, India

- Led Android development initiatives as core team member, architecting and developing native mobile applications to streamline club operations and event management workflows
- Collaborated with cross-functional team of 15+ developers to deliver mobile solutions for club functions, technical talks, and workshop management using modern development practices
- Managed version control workflows using Git for multiple concurrent Android projects, ensuring code quality and collaborative development standards

Projects

AI Powered Room Design Assistant Mobile App | Kotlin, LLM APIs, Supabase

Apr 2025 – June 2025

- Engineered intelligent mobile application using Kotlin and Android SDK, integrating LGAI/Exaone-Deep-32B Large Language Model for personalized furniture recommendations and automated room style analysis
- Implemented secure cloud infrastructure using Supabase backend for user data management, and real-time synchronization across devices
- Utilized Ktor HTTP client library for seamless LLM API integration, ensuring efficient communication between mobile application and machine learning services
- Developed camera functionality using CameraX library for room photo capture and analysis, facilitating AI-powered design suggestions

Github Repository Management Android app | Kotlin, Shared Preferences, MVVM, Ktor

Jan 2024 – March 2024

- Built Android application with Jetpack Compose enabling repository creation, file commits, and GitHub integration through REST API services
- Secured user authentication with encrypted GitHub token storage and implemented persistent data caching using SharedPreferences
- Applied MVVM architecture pattern and Kotlin Coroutines for scalable, maintainable code structure and efficient asynchronous operations
- Utilized Ktor HTTP client for seamless GitHub API communication and Gradle for automated build management

Technical Skills

Programming Languages : Kotlin, Java

Mobile Development: Android SDK, Jetpack Compose, Android Studio, Material Design, MVVM Architecture

Development Tools: Git/GitHub, Android Studio, IntelliJ IDEA, Gradle, Linux

Cloud & Databases: MySQL, MongoDB, Firebase, Supabase

Software Architecture: MVVM, Clean Architecture, Dependency Injection, Design Patterns

Backend & APIs: Ktor, REST APIs, JSON, HTTP/HTTPS, Spring Boot

Certifications

Android Developer by Meta

MongoDB Associate Database Administrator by Face Prep

Machine Learning by DeepLearning.AI

The Bits and Bytes of Computer Networking by Google