Aditya Giri

La Residentia Noida Extension Gr.Noida-201306
Email: adityagiri8461.ag@gmail.com
Mob: 8077083890,9756822290

Professional Summary

Dedicated and highly skilled Android developer with over 5 years of experience in designing, implementing, and maintaining innovative mobile applications using Java, Kotlin, and Jetpack Compose. Proficient in collaborating with cross-functional teams to deliver high-quality, user-centric software solutions. Seeking to contribute my expertise and technical skills to a dynamic and forward-thinking development team.

Skills

- Proficient in Android SDK design and functionality, including the full activity lifecycle.
- Skilled in writing clear and concise communications and development documentation.
- Experienced in back-end development and related documentation processes.
- Enthusiastic facilitator of client-focused solutions.
- Proficient in Git for version control implementation and workflow management.
- Adept at building modern, responsive, and efficient user interfaces using Jetpack Compose.
- Strong collaborator with clients, management, and team members to ensure project success.

Work Experience

Android Developer at GarudaUAV a Dorf-Ketal Trentar Company

Apr-2022 – Present

- Developed and maintained multiple Android applications.
- Collaborated with product managers, designers, and QA teams to define project requirements, scope, and specifications.
- Implemented responsive and intuitive user interfaces using XML layouts and Material Design guidelines.
- Utilized Java and Kotlin to write efficient and maintainable code for both new features and bug fixes.
- Integrated third-party APIs and SDKs, including Google Maps, Firebase, and payment gateways
- Conducted code reviews to ensure code quality, adherence to coding standards, and consistency.
- Optimized app performance through memory and CPU profiling, reducing app crashes by 20%.
- Conducted user testing and gathered feedback to drive iterative improvements.

Android Developer at Synaps Technologies

Mar-2019 – Mar-2022

- Creating apps for company management system like employee call management, expense module, Attendance module, Tracking system, Leaderboard module etc.
- Adding new features continuously to make project more features and easy to use.
- Optimization at code level to make the product faster and better.
- Resolved bugs/improvements during QA testing, pre-production, production, and post-release patches.
- Provided dedicated support and timely issue resolution following successful app launch.
- Working on various projects Moneymova, Its24k, Paultry farm, Nyc Blocks etc.

Technical Skill:

- **Android Development**: Proficient in Android Studio, Gradle, XML, MVVM architecture, Material Design, and Jetpack Compose for creating modern, declarative, and responsive UIs with components such as LazyColumn, Navigation, and State Management.

- **Programming Languages**: Strong command of Java and Kotlin; basic knowledge of C, C#, and C++.

- **Jetpack Compose**: Expertise in building custom UI components, managing UI states with Compose, and integrating Compose with existing View-based projects.

- **UAV-Based Product Development**: Experienced with DJI SDK for UAV solutions.

- **Libraries & Frameworks**: Skilled in Retrofit, RxJava, Dagger 2, ButterKnife.

- **UI/UX Design**: Experienced in Figma for creating intuitive and visually appealing designs.

- **Version Control**: Expertise in Git and GitHub for version management.

- **Database Management**: Proficient in SQLite and RoomDB.

- **Payment Gateway Integration**: Familiar with Razorpay, PayUMoney, and similar platforms.

- **Third-Party Integrations**: Hands-on experience with Firebase, Google Maps, RESTful APIs, MQTT, RTMP, and NPNT Module (No Permission No Take-off) in compliance with DGCA guidelines.

- **Debugging & Profiling**: Proficient in Android Profiler and LeakCanary.

- **Agile Development**: Knowledgeable in Scrum methodologies for effective project management.

- **Problem-Solving & Analytical Skills**: Strong capability to resolve issues efficiently.

- **Core Concepts**: Solid understanding of OOP principles and their implementation in real-world scenarios.

Education

- **Bachelor of Technology (B.Tech) in Computer Science and Engineering**
  [Year: 2013–2017]
  Achieved 70%

- **Higher Secondary (12th) in Physics, Chemistry, Mathematics (PCM)**
  UP Board | [Year: 2012–2013]
  Achieved 78%

- **Secondary (10th) in Science**
  UP Board | [Year: 2010–2011]
  Achieved 71%

Certifications:

- **C Programming** – Certified by Concept and Solutions, Meerut
- **Core Java Programming** – Certified by Naresh i Technologies
- **Android Development** – Certified by Ducat, Noida
- **Jetpack Compose** – Certified by Udemy

Project Details:

1. Project : **Mission Planner App(DJI SDK)**
Project duration : March 22 to Present.
Environment : Java, XML, PostgreSQL server.
IDE : Android Studio
Description : This Application is developed for tracking , control the drone & Capture
Image and Video for survey and mapping.

2. Project : **Janta Choupal**
Language : Java
IDE : Android Studio
Responsibility: Upgrade Design
Description : Janta Choupal app is developed for People empowering communities.

3. Project : **T&D (Transmission and Distribution)**
Language : Kotlin, Java,XML, Sq-lite Database
Client : PGCIL
IDE : Android Studio
Responsibility : End to end Development
Third-Party SDK : DJI SDK

Description : An Android Application is developed for Make a flight plan to survey
Transmission tower from DJI Drone, in this app we have detected sensor data,
log data(Geo-coordinate, GPS info, compass info, live streaming, live tracking
etc.) and manage Media files.

4. Project : **MoneyMova**
Language : Java,XML,sq-lite,shared-preference
Client : Alxender Pitt(USA)
IDE : Android Studio
Responsibility : End to end Development
Framework : Android Studio

Description : This application developed for transfer money ,request money ,check balance
as well as deposit amount for bank account for USA user .They have send or
request money from contacts as well as scan QR code.

5. Project : NHAI DAMS
Language : Jetpack Compose
Client : NHAI
IDE : Android Studio
Responsibility : End to end Development
Framework : Android Studio

Description : The **NHAI DAMS (Drone-Based Asset Monitoring System)** app is

a specialized mobile application designed to facilitate **ground truthing**

and survey validation for projects managed by the National

Highways Authority of India (NHAI).

Key Features:

- **Data Validation**: Enables users to validate drone-collected survey data by cross-referencing it with ground-truth information.
- **Survey Types**: Supports diverse surveys, including under-construction projects, plantations, road safety inspections, operations, and maintenance.
- **Geo-Referenced Data**: Displays precise direction coordinates captured during surveys for verification.
- **User-Friendly Interface**: Intuitive design for on-ground personnel to easily access, update, and confirm survey details.
- **Real-Time Updates**: Allows synchronization of validated data with a central database for seamless reporting and analysis.
- **Integration with Drone Services**: Ensures compatibility with drone-based imaging and mapping tools for efficient survey operations.

6. Project	:	**ITS24k**
Language	:	Java,XML,sq-lite,shared preference
Client	:	Alxender Pitt(USA)
IDE	:	Android Studio
Responsibility	:	End to end Development
Framework	:	Android Studio
Description	:	This application developed for booking ITS24k Restaurant reservation, View Reservation,Make invoice,Customers list, Transactions list,Add money,Invoice list,Notification List of unseen message,Chat with customer etc.

Hobbies and Interests

I am passionate about leveraging my app development skills to contribute to meaningful and impactful projects. In my free time, I enjoy staying active through jogging, particularly during the fall and winter seasons. I am proficient in using computers and the internet for various purposes, including exploring YouTube, reading technical articles, and working with hardware. A quick learner with strong verbal and written communication skills, I am always eager to expand my knowledge and improve my expertise.

Personal Dossier

Contact	:	8077083890, 9756822290
Date Of Birth	:	January 07 1995
Nationality	:	Indian
Hobbies	:	Reading Computer Magazine, Internet Surfing,Learn New Things.
Marital Status	:	Married
Expected Salary	:	Negotiable

Place: - Noida   **Aditya Giri**