

Punkil Baliyan

baliyanpunkil@gmail.com | +91 8755455763 | [linkedIn/punkil-baliyan-753660177](https://www.linkedin.com/in/punkil-baliyan-753660177) | [github/PunkilBaliyan](https://github.com/PunkilBaliyan)

EDUCATION

B.Tech Computer Science and Engineering (8.51)

New Delhi | June 2025

MAHARAJA SURAJMAL INSTITUTE OF TECHNOLOGY

Coursework: DatabaseManagement; DataStructuresandAlgorithms; OperatingSystems; WebDevelopment; SoftwareEngineering; ObjectOrientedProgramming; DigitalLogic; CompilerDesign; TheoryOfComputation

Polytechnic Electrical Engineering (83.6)

Muzaffarnagar | June 2022

GANDHI POLYTECHNIC MUZAFFARNAGAR

WORK EXPERIENCE

AIRPORT AUTHORITY OF INDIA | SOFTWARE DEVELOPMENT ENGINEER INTERN New Delhi | May 2023 – Aug 2023

- Spearheaded the development of an **Android application**, gaining invaluable insights into organizational workflows and industry best practices.
- Led the development of an Android application using **Kotlin** and **XML**, leveraging Android Studio for design and implementation.
- Collaborated closely with senior developers to implement key features and ensure adherence to project timelines.

PROJECTS

NEWS APP KOTLIN, XML, ANDROID STUDIO, RESTFUL APIs, JSON, GLIDE, RETROFIT, FIREBASE, MATERIAL DESIGN COMPONENTS

The project involved implementing a dynamic news-fetching mechanism from an API, ensuring real-time content delivery to users. This included designing and implementing efficient network requests, parsing JSON responses, and handling data asynchronously to provide users with up-to-date news articles seamlessly.

ONLINE QUIZ APP KOTLIN, XML, ANDROID STUDIO, JSON, FIREBASE, MATERIAL DESIGN COMPONENTS

FirebaseQuizMaster is a dynamic quiz application that leverages Firebase for backend services such as user authentication, real-time database for storing quiz questions, answers, and user responses. It offers features like user registration, authentication, quiz-taking, real-time scoring, leaderboard, and admin dashboard for managing quizzes.

DIWALI SALES ANALYSIS JUPYTER NOTEBOOK, PYTHON, PANDAS, MATPLOTLIB, SEABORN

Diwali Sales Analyzer utilizes Jupyter Notebook and Python to analyze Diwali sales data, extracting insights on customer demographics, product preferences, and sales trends for strategic decision-making during the festive season. CP-ABE encryption and used it to ensure files are secure at rest.

SKILLS

Languages: C++(OOPS), Python

Databases: SQL

Android Development: Kotlin, XML

Technology: Git, Android Studio, VSCode, JupyterNotebook, My SQL, Firebase

VOLUNTEER EXPERIENCE

Hackathon: Code4cause(Team Leader):- Top 10 , ZS Campus Beats(Team Leader):- AIR 119

Organised: DelhiPoliceCyberHackathon 2024

Co-Ordinated: Enva'24, Avensis'24, Avensis'23, Sports Meet'24, ICAIA'24