

# LAL BIHARI PANDEY

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## EDUCATION

### Jamia Millia Islamia, New Delhi

B. Tech Computer Engineering

November 2020 – Expected July 2024

S. P. I.: 9.78

## EXPERIENCE

### Mugs

#### Android Development Intern

June 2022 – July 2022

- Improved existing features and added new ones.
- Kotlin, Firebase, MVP Architecture.

### Checko

#### Mobile Application Development Intern

January 2023 – March 2023

- Play Integrity API, UI Development, Instrumentation Tests, CameraX.
- Kotlin, Flutter.

## PROJECTS

### EdPub CPP [Android application]

- Provides C++ Programming learning material (Chapters and Examples)
- Kotlin, MVVM Architecture, Live Data, Firebase Realtime Database, Firebase Google Authentication, Kotlin Coroutines.

### Epione [Android Application]

- Self-Care App.
- Flutter, Dart, Firebase Realtime Database, Firebase Authentication (Google and Phone Number).

### Cool Roof Calculator [Android Application]

- Roof top saving calculator for UNESCO India Africa Hackathon 2022
- Gets rooftop area from the satellite image, fetches weather data from APIs, and estimates saving electric units if the rooftop is painted white.
- Java, Kotlin, Google Maps, Firebase, Volley

## ACHIEVEMENTS

### Smart India Hackathon 2022 Winner

Built a Self-Care App for students and young professionals catering to the problem statement KH1150 (PS Code) under NCERT and DoSEL targeting physical, mental, social, and work health.

### UNESCO India Africa Hackathon 2022 Finalist

Led a team of 5 participants (from India and Africa) to build an Android Application to get the rooftop area from satellite and estimate the savings of electricity and CO2 prevented, by painting the rooftop area white.

## SKILLS

**Languages:** C++, Kotlin

**Framework:** Flutter

**Database:** Firebase

**Tools:** Android Studio, Visual Studio Code

**Soft Skills:** Leadership

## VOLUNTEER EXPERIENCE

### IEEE CS – JMI

Android Team Leader

Feb. 2022 – Present

DSA Team Member

Jul. 2021 – Feb. 2022

### Google Developer Student Club – JMI

Android Team Leader

Aug. 2022 – Present

Compose Camp Facilitator

Sept. – Oct. 2022

Android Team Member

Aug. 2021 – Jul. 2022

### HACK JMI Organizer

Organized 48 hours long hybrid (offline + online) hackathon having 7 themes with 500+ participants and 10+ sponsors.