

# Binay Shaw

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## EDUCATION

- JIS College of Engineering**  
*Bachelor of Technology - Computer Science and Engineering; CGPA: 8.9*  
Kalyani, Kolkata, India  
July 2020 - June 2024

## SKILLS SUMMARY

- Languages:** Java, Kotlin, HTML, CSS, XML
- Tools:** GIT, Figma, Android Studio, VS Code, Firebase
- Technology:** Retrofit, QR Code, RestAPI

## EXPERIENCE

- Tracky - Open Source**  
*Android Developer*  
Remote  
Feb 2022 - March 2022
  - Tech Stack:** Developed using Java, XML, and Firebase
  - Contributions - :** Implemented Alarm and Reminder features.  
Added PDF sharing & Data Visualization using Graphs to show users' data.  
Enhanced the UI of the Application using Figma. Fixed bugs and crashes which improved the app performance.
  - Learning:** Learnt Firebase, its usage, and implementations.  
Learned to develop MVP android native applications

## PROJECTS

- PresIN - Microsoft Engage 2022**  
*Android Developer* **GitHub**  
Remote  
May 2022 - May 2022
  - Tech Stack:** Java, XML, ML-Kit, TensorFlow Lite, Open CV, Pre-trained model, Firebase, and Figma.
  - Role:** Developed an MVP app that recognizes the registered users and marks their attendance for their respective colleges.  
Improved the existing face recognition algorithm by **20% to 25%**  
Added attendance feature on a daily basis and recorded it on Firebase Real-time Database.
  - Learning:** Learnt to use Firebase as an attendance database.  
Learnt face recognition algorithm and improved it.
- LinQR**  
*Android Developer* **GitHub**  
Nov 2021 - Feb 2022
  - Tech Stack:** Java, XML, and ZXing's QR Library.
  - Role:** Developed an app that can **share a bunch of contacts** and social links using QR Code.  
No internet is required, used encryption to secure QR Code.  
Inspired by a similar concept from Apple devices and implemented it for Android devices.
  - Learning:** Learnt to implement QR code and its basics.  
Learned encryption and decryption of String to secure the QR Code output.
- Medify**  
*Android Developer* **GitHub**  
Aug 2022 - Sept 2022
  - Tech Stack:** Kotlin, Java, XML, Firebase, and Figma.
  - Role -:** Developed an MVP app that allows users to book appointments.  
**Designed an algorithm** that sorts the patient's waiting list according to their pain levels & data entered during booking appointments.  
Monitor their health status using the chart library.  
Added a feature to create and scan custom-generated UPI-supported QR Codes for fee payments.
  - Learning:** Learnt to design efficient algorithms and choose the right Data structure.

## CODING PROFILES AND LINKS

**Leetcode** - Solved over 260+ Questions

**Linked-In** - <https://www.linkedin.com/in/binayshaw7777/>

**GeeksForGeeks** - Solved over 80+ questions

**GitHub** - <https://github.com/binayshaw7777>

## ACHIEVEMENTS

- Awarded the title of **Best Project** in College's Techfest out of 35 teams - Nov - 2021
- Secured 3rd position** in Jalpaiguri Govt. of Engineering College Winter of Code out of 160 participants - Mar '22
- Secured 2nd position** in College's Internal Hackathon out of 30 teams - May '22
- First runner up** at College's App development competition out of 18 teams - September 2022
- 300+ Reputation of Leetcode