Binay Shaw

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EDUCATION

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

SKILLS SUMMARY

- **Languages**:   Java, Kotlin, HTML, CSS, XML
- **Tools**:   GIT, Figma, Android Studio, VS Code, Firebase, Android SDK
- **Technology**:   MVVM Architecture, Jetpack components, Room Database, Retrofit, QR Code, RestAPI

EXPERIENCE

- **Edvora - Internship**   Remote
  Android Developer Intern   *Oct 2022 - Nov 2022*
  - **Tech Stack**: Kotlin, XML, Material Design, Android SDK
  - **Contributions -** : Worked on assigned tasks and fixed bugs on a daily basis.
    Fixed mid-level potential technical bugs related to video meetings.
    Collaborated with the application tester to fix bugs.
  - **Learning**: Gained understanding of MVVM architecture pattern
    Learnt to design responsive User Interface
    Learnt how apps are developed on a big scale and managed.

PROJECTS

- **PresIN - Microsoft Engage 2022**
  Android   *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   *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   *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 280+ Questions   **GeeksForGeeks -** Solved over 120+ questions
Linked-In - https://www.linkedin.com/in/binayshaw7777/   **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
- 400+ Reputation of Leetcode