

Binay Shaw

Portfolio: binayshaw7777.github.io

GitHub: github.com/binayshaw7777

Leetcode: leetcode.com/binayshaw7777 (290+ Questions)

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EDUCATION

- **JIS College of Engineering** Kalyani, Kolkata, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 9.0 *July 2020 - June 2024*

SKILLS

- **Languages:** Java, Kotlin, XML, JavaScript, HTML
- **Tools:** GIT, Figma, Android Studio, VS Code, Firebase, Android SDK, Postman, IntelliJ IDEA
- **Frameworks & Libraries:** MVVM Architecture, Jetpack, RoomDB, Retrofit, RestAPI, MongoDB, Express, Node

WORK EXPERIENCE

- **HumaraNagar - Internship** Remote
Android Developer Intern *Jan 2023 - Mar 2023*
 - **Tech Stack:** Kotlin, MVVM, Jetpack Components, RestAPI, Retrofit
 - **Contributions - :** Worked closely with the product & design teams to customize the UX for the Android. Designed components by translating product requirements, managing tasks, & providing accurate estimates. Built MVP scalable and reliable technology solutions at a rapid pace.
 - **Learning:** Learned to build scalable applications and new UI concepts, Android and MVVM.
- **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. Worked with the Android team to resolve video meeting issues. Collaborated with the application tester to fix bugs.
 - **Learning:** Learned MVVM architecture pattern and best practices of MVVM. Learned to design responsive User Interfaces and scalable applications.

PROJECTS

- **PresIN - Microsoft Engage 2022** GitHub
Android *May 2022 - May 2022*
 - **Tech Stack:** Java, XML, ML-Kit, TensorFlow Lite, OpenCV, Pre-trained model, Firebase, and Figma.
 - **Role:** Developed MVP app for college attendance monitoring and recognition of registered users. 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 Firebase Auth and Database, also learned face-recognition algorithm and improved it.
 - **Achievement:** Developed user-friendly app with optimized performance that attracted **60+ registered users**
- **JusTap** GitHub
Android *Jan 2023 - Present*
 - **Tech Stack:** Kotlin, XML, MVVM, Coroutines, Room Database, Firebase, QR libraries
 - **Role:** Developed an app for secure and easy exchange of contact information and social links using QR codes. Ideal for networking events which can replace traditional business cards. Inspired by a similar concept from Apple devices and implemented it for Android devices.
 - **Learning:** Learned Async tasks, Jetpack components, and MVVM architecture in depth.
- **Medify** GitHub
Android *Aug 2022 - Sept 2022*
 - **Tech Stack:** Kotlin, Java, XML, Jetpack Components, Firebase, and Figma.
 - **Role:** Designed and built an MVP app to streamline the appointment booking process for users. **Designed and developed** pain level-based appointment sorting algorithm to prioritize patient needs. Implemented a feature to enable **paperless doctor visits** with the prescription/report upload feature. Maximized both patient and doctor comfort with an **efficient patient queuing system**.
 - **Learning:** Learnt to design efficient algorithms and choose the right Data structure.
 - **Achievement:** Developed user-friendly app with optimized performance that attracted **150+ registered users**

AWARDS AND ACHIEVEMENTS

- Awarded the title of **Best Project** in College's Techfest out of 35 teams - Nov - 2021
- **Ranked 3rd** out of 160 participants in Jalpaiguri Govt. of Engineering College Winter of Code - Mar '22
- **First runner up** at College's App development competition out of 18 teams - September 2022
- Achieved 530+ Reputation and 30K+ views in Leetcode by contributing solutions to questions.