

ABHISHEK KUMAR

📞 6205784895 📩 abhishekgupta121122@gmail.com 💬 LinkedIn 🌐 Github 🏁 LeetCode 🌐 GeeksforGeeks

EDUCATION

Meghnad Saha Institute of Technology, Kolkata <i>B.Tech - Computer Science and Engineering - CGPA - 8.53</i>	2021 - 2025 <i>Kolkata, West Bengal</i>
L.A Garden High School, Ranchi <i>Central Board of Secondary Education - 12th - Percentage - 90.4</i>	2019 - 2020 <i>Ranchi, Jharkhand</i>

EXPERIENCE

Intern at TerraPay ↗ <i>Role - Software Developer</i>	September 2025 - Current 2025 <i>Bengaluru</i>
---	--

- Contributed to developing and improving Android app features using Kotlin, Jetpack Compose and modern app development MVVM architecture focusing on real-world development practices.
- Build app screens and integrated with REST APIs, handle data with Retrofit, Coroutines, app lifecycle and advanced UI development to build Android features.
- Gained experience in debugging, writing clean code, and using Git/GitHub for version control.
- Worked in an Agile-style environment, attending team discussions and understanding real-world Android development workflows.

COURSEWORK / SKILLS

- | | | | |
|--------------------------------|-------------------------------|------------------------------|-----------------------|
| • Data Structures & Algorithms | • Object Oriented Programming | • Software Engineering | • Machine Learning |
| • Operating Systems | • Computer Networks | • DataBase Management System | • Android development |

PROJECTS

QuillNote ↗ <i>Kotlin, Jetpack compose, Room database, Sqlite, Mvvm</i>	2025 - 25
--	------------------

- Built a full-featured Android note-taking app using Kotlin, Jetpack Compose, and MVVM architecture ensuring clean, scalable, and maintainable code.
- Implemented local data storage with Room Database, enabling fast offline access, smooth CRUD operations, and efficient state management.
- Designed an intuitive and responsive UI using Compose, improving user experience with modern Material Design components and seamless navigation.

AirBnb ↗ <i>Spring Boot, Spring Security, PostgreSQL, Stripe API, RESTAPIs, JPA, Postman</i>	2024 - 25
---	------------------

- Developed an end-to-end Airbnb-style hotel booking and management system using Spring Boot, enabling users to browse listings, book stays, and manage reservations.
- Implemented RESTful APIs, integrated Stripe for payments, applied Spring Security for authentication and authorization and used PostgreSQL as the database with JPA for ORM.
- Enhanced hands-on expertise in scalable backend development and real-world system design, demonstrating ability to build full-stack production-grade applications.

Predictive Analysis in Diabetes ↗ <i>Machine Learning, Python, Pandas, Numpy</i>	2023 - 24
---	------------------

- Developed a predictive model to analyze diabetes risk using machine learning, leveraging patient health data to identify key risk factors.
- Implemented a Logistic Regression model in Python with Pandas, Scikit-learn, and Matplotlib for data preprocessing, feature selection and model evaluation.
- Enhanced early diabetes prediction accuracy, aiding proactive healthcare measures and improving risk assessment efficiency.

TECHNICAL SKILLS

Languages : Java, Kotlin, Python, Sql

Technologies/Frameworks : Android development, Jetpack compose, Spring Boot, Spring Security, RestAPIs, JPA/Hibernate, Swagger/OpenAPI

Android Architecture : Mvvm, Clean.

DataBases : Sql, PostgreSQL, Room database

Android Tools : Retrofit, OkHttp, Gson, Firebase, Hilt/Dagger, Git/GitHub, Postman, JUnit and Espresso