

# Megha Gupta

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🔗 [github.com/meghagupta21](https://github.com/meghagupta21)

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## SUMMARY

Experienced Flutter developer with a strong background in developing cross-platform mobile applications. Led the development of multiple mobile apps, focusing on UI/UX implementation and efficient state management using Bloc. Skilled in integrating external APIs, managing local data storage, and optimizing app performance. Proficient in writing unit tests and collaborating with team members to deliver high-quality applications. Expertise in Git for version control.

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## EXPERIENCE

### Junior Web Developer

#### Hack-X Security

January 2023 - June 2023, Pune

- During my internship at Hack-X Security, I was responsible for designing and implementing the user interface of the Hack-X website and adding functionality. I utilized a range of web development languages and technologies, including HTML, CSS, ReactJS, JavaScript to create a dynamic and visually appealing website. Effective collaboration within a team, promoting communication and project synergy. My time at Hack-X Security was not only a valuable learning experience but also a platform to contribute to real-world web development projects and build a solid foundation for my career in the field.

### Flutter Developer

#### Tekhnologia Innovation India Private Limited

October 2023 - Present, Pune

- In my current role, I led the development of several mobile applications using Flutter, focusing on UI/UX implementation to create visually appealing and user-friendly interfaces. I have a deep understanding of state management solutions like Bloc which I used to efficiently manage the application's data and UI.
- API Integration: Integrating external APIs to fetch and display data in the app.
- Database Management: Managing local data storage, including data persistence and retrieval.
- Testing: Writing unit tests and conducting thorough testing to identify and fix bugs and issues.
- Performance Optimization: Optimizing app performance for speed and resource efficiency.
- Collaboration: Collaborating with designers, backend developers, and other team members to deliver high-quality apps.

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## EDUCATION

### Master of Computer Applications (MCA), Computer Science

Minor in Computer Application • Maharashtra Institute of Technology • Pune • 2023 • 9.04 CGPA

### Bachelor of Computer Science

Minor in Computer Science • Pune University • Pune • 2021 • 74.78%

### Senior Secondary (XII), Science

Minor in Science • Huzurpaga, Girls College • Pune • 2018 • 75.23%

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## PROJECTS

### Mark Attendance

Tekhnologia Innovations India Private Limited

- Developed a mobile application using Flutter for attendance management.
- Enabled easy tracking of employee or student attendance records.

- Implemented QR code scanning for marking attendance.
- Utilized geolocation to ensure attendance marking within specified distances.
- Employed local data storage with SQLite for secure data management.
- Integrated OTP authentication using Firebase for enhanced security.
- Enabled users to apply for leave directly through the application.
- Designed for educational institutions and businesses seeking modern attendance solutions.

## **Paper Evaluation**

Tekhnologia Innovations India Private Limited

- Developed a paper evaluation system using Flutter to streamline grading for schools, institutes, or individual educators.
- Simplified the evaluation process by enabling online grading and marking for students.
- Provided students with access to their results and evaluated papers online, enhancing transparency and convenience.
- Integrated a reevaluation feature, allowing students to apply for reassessment directly through the application interface.

## **Hospital Management System**

Tekhnologia Innovations India Private Limited

- Designed a Hospital Management System specifically for rural areas, where network connectivity is limited.
- Empowered doctors to log in to the app and add patient data locally, utilizing SQLite for local database management.
- Integrated offline functionality, allowing doctors to provide prescriptions and record vitals even without network connectivity.
- Ensured seamless data synchronization with the server once network connectivity is available, maintaining data integrity and accessibility.

## **Quiz App(BrainRain)**

Maharashtra Institute of Technology • August 2023 - December 2023

- Brain Rain is an android application that consists set of questions related to computer science. It has multiple choice questions with time limit and it also calculate scores of each correct answer.

## **Fashion Designer Blog**

Maharashtra Institute of Technology • June 2023 - July 2023

- The System was developed for designer who wants to keep the collection of there product and help customer to get clearance about the product before paying a visit.

## **Optical Store Management**

Maharashtra Institute of Technology • January 2022 - July 2023

- Developed using web server apache ,scripting language like php,javascript and database mysql.The main motive of the project is that you can order your favourite spectacle with ease.

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## **SKILLS**

**Flutter,Rest APIs,Firestore, SQLiteite,Bloc, Clean Architecture,Java,CSS,HTML,Data Structures,MySQL**