

Mahak Gupta

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Summary

Passionate Mobile Application Developer skilled in Flutter, React Native, and Node.js, experienced in creating responsive, high-performance apps from concept to implementation. Responsible and focused developer currently pursuing a B.Tech in Computer Science, specializing in UI/UX design, API integration, and mobile performance optimization across Android and iOS. Adept at planning, leading, and supporting projects in collaborative, fast-paced environments.

Technical Skills

Languages: C/C++, Python, JavaScript, Typescript, Java, Dart

Mobile Development: Flutter, Kotlin (basic), React Native

Frontend: HTML, CSS, Tailwind CSS, Bootstrap, React.js

Backend: Node.js, Express.js, REST APIs.

Database: MongoDB.

Designing: Figma(UI/UX, Accessibility)

Tools: VS Code, Android Studio, Git, Azure, GitHub, Postman, GitHub Actions(CI/CD).

Concepts: DBMS, DAA, DSA, OOP, SDLC.

AI/ML Concepts: Basic NLP integration (GROQ AI)

Relevant Coursework

Data Structures Algorithms, Web Development, Object-Oriented Programming, Database Management Systems, Design Analysis of Algorithms, Machine Learning (class work), Natural Language Processing (class work)

Experience

Frequer

Jun 2025 – Aug 2025

Web Development Intern

Jhansi, UP

- Participated in full lifecycle development — planning, design, implementation, testing, and deployment.
- Maintained and supported existing modules while creating new features using React.js, Node.js, and MongoDB.
- Collaborated with backend engineers and stakeholders to deliver user-friendly interfaces aligned with requirements analysis , integrate REST APIs and debug service connections.
- Worked on GitHub CI/CD pipelines, Postman testing, and mobile framework integrations.

Projects

My Portfolio | HTML, CSS, Javascript, Typescript

- Developed a responsive portfolio website using HTML, CSS, JavaScript, and TypeScript, optimized for fast loading and mobile devices.

Reusebook App | Flutter, Figma, Node.js, Express.js, Rest API, MongoDB, JWT, Bcrypt, Multer

- Developed a cross-platform marketplace with Flutter for buying/selling books.
- Designed accessible UI in Figma and implemented secure login via JWT, bcrypt, and MongoDB.
- Integrated RESTful APIs and optimized UI interactions for smooth user experience.
- Added image upload, multi-language support, and role-based access for students and shopkeepers.

AskMyTutor App | Flutter, figma, Node.js, Socket.IO, MongoDB, GROQ (AI)

- Built an interactive, multilingual learning platform with real-time QA using Flutter and Node.js.
- Applied responsive design and efficient state management for scalable, performant UI.
- Integrated GROQ AI for intelligent responses and Socket.IO for text, audio, and image-based queries and real-time multi-user chat.
- Practiced collaborative GitHub workflows and CI/CD pipelines for automated testing and deployment.

Education

Bundelkhand University

2023-2027

Bachelor of Technology in Computer Science and Engineering (CGPA: 8.07 / 10)

Jhansi, UP

Achievements

- Secured 3rd position in Software App Exhibition (ReuseBook App) for innovative UI design and functionality.
- Participated in Hackhazards'25 (210-hour online hackathon) showcasing full-stack project "AskMyTutor."