

Aman Singh

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EDUCATION

Guru Gobind Singh Indraprastha University

Bachelor of Technology in Computer Science

New Delhi, India

Aug 2022 – Present

Relevant Coursework

Data Structures and Algorithms, Object-Oriented Programming, Database Management Systems

EXPERIENCE

Flutter Developer Intern | NOTCLG

2024

- Worked as a Flutter Developer Intern at NOTCLG, developing a food ordering canteen app for colleges using Flutter and Firebase.
- Implemented features using GetX and BLoC for state management, ensuring smooth and efficient app performance.
- Integrated Firebase Firestore and Firebase Authentication to manage user data, orders, and real-time updates.

PROJECTS

Food ordering app | *dart, flutter, firebase, provider state management, Git, Razorpay payment gateway*

2024

- Developed a Food Ordering Application using Flutter: Implemented user-friendly UI/UX features and integrated Firebase for authentication and real-time database management.
- State Management: Utilized the Provider package for efficient state management, ensuring smooth user experience and responsive UI updates.
- Full-stack Mobile Development: Handled both front-end development and back-end integration with Firebase, including user authentication, data storage, and order management.

Time Capsule app | *dart, flutter, firebase firestore, firebase Auth, firebase Storage Getx and Bloc state management, Git*

2024

- Developed a Time Capsule Application using Flutter: Designed and implemented an intuitive interface for users to create, store, and share memories in the form of text, images, and music.
- Firebase Integration: Utilized Firebase Firestore for real-time data storage and Firebase Storage for efficient media file management.
- State Management: Combined BLoC and GetX for efficient state management, ensuring seamless user experience and optimal performance across different features.
- Full-stack Mobile Development: Managed both front-end and back-end integration, handling user authentication, media storage, and sharing functionality, all using Firebase services.

Blog Post App | *Python, Django, PostgreSQL, HTML, CSS, Bootstrap, Git*

2024

- Developed a full-stack blog application using Django, allowing users to create, edit, and delete blog posts.
- Implemented user authentication using Django's built-in auth system for secure login and account management.
- Migrated the database from SQLite to PostgreSQL for improved scalability and deployment readiness.
- Designed responsive frontend using Django templating engine and Bootstrap for better user experience.
- Deployed on Render with environment configuration, static/media file handling, and version-controlled setup via Git.

TECHNICAL SKILLS

Languages: Dart, Flutter, C, C++, SQL, HTML/CSS, Python/Django

Developer Tools and technologies: Git, Github, VS Code, Visual Studio, Android Studio, firebase