

Arpit Nautiyal

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SKILLS

- **Languages & Technologies:** HTML, CSS, C, Dart, C++
- **Frameworks & IDE:** Flutter, VS Code, Android Studio
- **Tools & Platforms:** Git

EDUCATION

- Master of Computer Applications (MCA)** • Roorkee Institute Of Technology | Aug 2023 - June 2025
- CGPA - 6.94
- Bachelor of Computer Applications (BCA)** • Pt. Deen Dayal Upadhyay Management College | Aug 2020 - July 2023
- Percentage - 70.63

WORK EXPERIENCE

Flutter Developer

- Designed and launched Android applications using Flutter & Dart, resulting in a 20% performance improvement and a 15% increase in user engagement.
- Diagnosed and optimized application code, reducing error occurrences by 30% and enhancing overall system stability.
- Contributed to projects such as Web View and Expense Tracker applications, delivering functional and user-focused solutions.

Android Application Development

- Customized Java and XML frontends integrated with Firebase backends to meet specific client requirements, resulting in a 20% increase in client satisfaction scores and a 15% improvement in project delivery speed.
- Enhanced application functionality using Android Studio and Cloud Firestore, driving a 10% increase in user engagement.
- Collaborated closely with cross-functional development teams to debug and optimize application code, reducing system errors by 15%

PROJECTS

Online Quiz Mobile Application:

- Streamlined the exam customization process by designing and implementing a user-friendly interface within the quiz creation system.
- Implemented a computerized grading system that provides instant feedback to students, slashing grading time by 70%.
- Developed a seamless communication interface between administrators, teachers, and students, fostering better user interaction and ensuring smooth exam scheduling, result distribution, and participation tracking.
- The system improved coordination across all parties and helped streamline administrative workflows.
- Designed an administrator dashboard that optimized the monitoring of exam participation, reducing administrative overhead by 40%.
- The dashboard provided real-time insights into exam progress and student performance, enabling administrators to track participation, identify bottlenecks, and make data-driven decisions to improve the exam process.

Expense Tracker Mobile Application:

- Developed a mobile-based expense tracker, empowering users to seamlessly record, categorize, and analyze daily expenditures.
- This innovation reduced manual entry time by 40%, while significantly improving users' financial awareness and fostering smarter spending habits.
- Created a budgeting feature that enables users to set and track monthly and yearly spending limits.
- This led to a 25% improvement in users' ability to stay within budget and better manage their finances, helping users develop more disciplined financial habits.
- Implemented an analytics dashboard that provides users with actionable insights into their spending behaviors.
- Integrated an investment tracking feature, allowing users to monitor and manage their investments directly within the app.
- By presenting data-driven trends and suggestions, the dashboard increased users' ability to make informed financial decisions and optimize their expenditures by 30%