Vishesh Tanwar
PORTFOLIO

New Delhi, India | +91-9818636301 | tanwarvishesh27@gmail.com
LinkedIn/visheshtanwar | GitHub/visheshtanwar | Leetcode/visheshtanwar

PROFESSIONAL SUMMARY

Software Development Engineer experienced in building scalable mobile and web applications using Flutter and Next.js. Skilled in REST APIs, PostgreSQL (SQL), and Firebase authentication, with a focus on performance optimization, state management (Riverpod), and delivering user-friendly solutions.

TECHNICAL SKILLS

Languages : Python, Javascript , Dart, SQL
Libraries and Frameworks : React js , Node js , Flutter
Database : MySQL , MongoDB, PostgreSQL
DevOps and API : Git , Postman

EXPERIENCE

ALGOFAST INDIA PVT LTD | SDE   January 2025 - Present

- Worked on two mobile application projects, Sachiv and CRM, as part of the Flutter development team.
- Followed MVVM architecture for clean code management and efficient data handling.
- Created reusable Flutter widgets to optimize performance and maintainability.
- Implemented state management using Riverpod, Provider, and ChangeNotifier.
- Wrote optimized SQL queries, enhancing data retrieval speed and reducing query execution time by 40%.
- Optimized UI/UX, improving user retention by 30%.
- Integrated Google Authentication via Firebase in the CRM app, improving login success rate by 35%.
- Designed a local database system using Sqflite to enable offline functionality in the Sachiv app.

PROJECTS

STREAMIX | Tech – Flutter, Next.js, PostgreSQL

- Built a cross-platform YouTube clone app with Flutter frontend and Next.js backend, enabling smooth video streaming and playback.
- Integrated Google Authentication via Firebase for secure and seamless user login/signup.
- Designed and implemented REST APIs in Next.js to manage videos, comments, likes, and subscriptions with scalable database structure.
- Developed a responsive Flutter UI following Material Design principles, enhancing user experience across devices.

Campus Voice Hub |Link | Tech – MERN

- The web application is designed to facilitate efficient grievance handling for students, faculty,and staff.
- Administrators have the ability to view and address grievances promptly.
- Users can maintain detailed profiles of their registered grievances.
- Users receive email updates on the statuses of their grievances.
- The platform ensures transparency and accountability in the grievance resolution process.

EDUCATION

Bharati VidyaPeeth Institute Of Management and Technology (GGSIPU)   August 2023 - July 2025
Master in Computer Applications (M.C.A) | Percentage - 93.1

CERTIFICATIONS

- Frontend Developer (react) certification from HackerRank.
- Sql_intermediate certificate from HackerRank.
- Python basic certificate from HackerRank