Hassan Nadeem

Software Engineer

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🎓 EDUCATION

2020 — 2024
Rawalpindi, Pakistan

Bachelor's in Software Engineering
Foundation University

2017 — 2019
Rawalpindi, Pakistan

ICS
Harvard College of Commerce and Science

📇 PROFILE

Passionate **Software Engineer** specializing in **Flutter development**, with expertise in building cross-platform applications. Proficient in writing clean, maintainable code and implementing scalable solutions. Experienced in UI/UX design, state management, and API integration to deliver seamless user experiences. Dedicated to continuous learning and leveraging emerging technologies to create high-performance mobile applications.

💼 PROFESSIONAL EXPERIENCE

2024 — 2025
Rawalpindi, Pakistan

Flutter Developer
- Developed and deployed high-quality **cross-platform mobile applications** using Flutter.
- Implemented **state management** techniques (Provider, Riverpod, BLoC) to ensure application scalability.
- Designed and optimized intuitive **UI/UX** interfaces, enhancing user engagement.
- Integrated RESTful APIs and Firebase services for real-time app functionalities.
- Debugged and optimized app performance, reducing load times and improving responsiveness.
- Collaborated with cross-functional teams to deliver efficient and maintainable codebases.

2023
Rawalpindi, Pakistan

Mobile App Developer Intern
- Assisted in the development of Flutter-based applications, focusing on UI implementation and API integration.
- Wrote reusable widgets and optimized **Dart** code for better efficiency.
- Worked with Firebase Authentication and Cloud Firestore for seamless backend integration.
- Conducted rigorous testing to ensure bug-free application performance.

2023
Rawalpindi, Pakistan

Web Developer
- Built responsive and interactive web applications using HTML, CSS, JavaScript, and React.
- Designed and optimized UI/UX interfaces, ensuring seamless user experiences across devices.
- Implemented state management techniques (Provider, Riverpod, BLoC) for scalable Flutter apps.
- Integrated RESTful APIs and Firebase for real-time web and mobile functionalities.
- Debugged and optimized performance, reducing web load times and app latency.

- Collaborated with designers and backend teams to deliver efficient and maintainable codebases.

🧠 SKILLS

- Flutter & Dart
- UI/UX Design & Responsive Layouts
- Agile & Scrum Methodologies
- State Management (Provider, Riverpod, BLoC)
- Debugging & Performance Optimization
- RESTful APIs & Firebase Integration
- Git & Version Control

📁 PROJECTS

Accounts Management
(Flutter App)
- Built a Flutter-based financial tracking app to manage income, expenses, and transactions.
- Implemented multi-account support, real-time tracking, and cloud backup via Firebase.
- Designed an intuitive UI for seamless user experience.

Tic-Tac-Toe Game
(Flutter Game)
Tic-Tac-Toe is a Flutter-based classic strategy game, offering both single-player (AI) and multiplayer modes. Built with an intuitive UI, it provides smooth gameplay, score tracking, and responsive animations. Ideal for casual gaming, it delivers an engaging and interactive experience.

Snake Game
(Flutter Game)
- Created a retro-style Snake game using Flutter with smooth gameplay mechanics.
- Designed a responsive UI with increasing difficulty levels.
- Implemented real-time score tracking and collision detection for a challenging experience.

Automated Gardening System
(IoT & Firebase Web App)
- Developed a real-time plant monitoring system that fetches data from IoT hardware to Firebase and displays it on a web interface.
- Monitored temperature, soil moisture, and humidity with live updates.
- Integrated plant disease detection with suggested precautions for better plant health management.
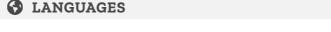
🧩 TOOLS & TECHNOLOGIES

Flutter SDK

Firebase (Auth, Firestore, Cloud Functions)

GitHub, Bitbucket

Android Studio & VS Code

Postman (API Testing)

🌐 LANGUAGES

English ● ● ● ○ ○ Urdu ● ● ● ● ●