

Zain Iqbal

Daska, Sialkot

+923466088504 appdev.zain@gmail.com LinkedIn Portfolio

Career Objective

I am a fresh Computer Science graduate with practical experience in Flutter, Unity, and React development. I've built and contributed to real-world mobile, web, and game projects through internships and freelance work. From a live blood donation app to a national-award-winning game and a full-stack portfolio, my work reflects a passion for innovation and problem-solving. I'm eager to join a dynamic team as a Junior Developer, where I can grow technically, collaborate effectively, and contribute to impactful software solutions.

Education

University of Gujrat

Nov 2021 - 2025

Bachelor of Science, Computer Science (GPA: 3.37/4.00)

Gujrat

- **Courses:** Data Structures and Algorithms, Discrete Structures, Database Systems & Management Systems, Object Oriented Programing, Machine Learning, Deep Learning & Neural Networks, Web System & Technologies, Advanced Web Development, Artificial Intelligence, Statistics & Probability, Numerical Computing, Entrepreneurship, Linear Algebra, Differential Equations

Technical Skills

- **Programming:** Dart (Flutter), JavaScript, Node.js (Backend APIs), Java, Python, SQL
- **Libraries & Frameworks:** Flutter, FlutterFlow, Firebase, RESTful APIs (JWT Auth), Third-Party SDK Integration (Node.js)
- **Architecture & State Management:** MVC, Provider, BLoC, Riverpod (basic knowledge), GetX (basic Knowledge), UI/UX Principles
- **Database & Backend:** Firestore, SQLite, MongoDB, REST APIs Integrations, Node (Third-party SDK Integration)
- **Tools & Platforms:** Android Studio, VS Code, Git, GitHub, Firebase Console, Spring boot
- **Development Concepts:** Clean Code, Agile Development, SDLC, Code Reviews, CI/CD (basic understanding)
- **Soft Skills:** Problem-Solving, Analytical Thinking, Debugging, Team Collaboration, Time Management, Communication

Internship Experience | Demo

Business Incubation Center (BIC), University of Gujrat - Flutter Developer Intern

Nov 2023 - Apr 2024

- Built a real-world mobile app Startup Project for blood donor-recipient matching on live location and availability.
- Integrated Firebase Authentication, Firestore database, and real-time notifications.
- Implemented In-app messaging using Firebase for secure and real-time communication.

Projects

Chrono Chase (Unity, C#) – Final Year Project View

Sep 2024 – May 2025

- Built using Unity, Chrono Chase is a 2.5D runner-style game themed on time travel (past, present, future).
- Implemented a responsive animated stack-based menu system and dynamic profile page showing high score, coins, and user data.
- Applied clean code practices and SOLID principles to ensure modular and maintainable gameplay logic.

Zig-Zag Game (Unity)

Jan 2025 - Feb 2025

- Designed a zigzag-style endless path runner, built with lightweight design for mobile performance.
- Programmed score tracking, smooth turns, and game-over states.

Flappy Bird Clone (Unity)

Feb 2025 – Feb 2025

- Created a working clone of Flappy Bird using Unity physics and object pooling.
- Developed parallax backgrounds and score counter for gameplay feedback.

Ecommerce Mobile Application

May 2025 - June 2025

- Developed an e-commerce mobile application using Flutter with product listing, cart and checkout functionality.
- Integrated Firebase with user authentication and real-time product data handling.

AI Chatbot Github

June 2025 - June 2025

- Integrated an AI-powered chatbot into a mobile app using Flutter and Dialogflow.
- Enabled Natural Language interaction to respond to user queries within the app.

Notes App Github

Sep 2024 – Oct 2024

- Built a Lightweight note-taking app allowing users to create, edit, and delete functionality.
- Used sqflite for offline data storage and persistence.

QR-Scanner App View

July 2024 – Sep 2024

- Designed and implemented scanning/generating features using Flutter.
- Managed app lifecycle and codebase via Git, and used Android's MediaStore API for saving images to the gallery.
- Published on Play Store, achieving 100+ downloads in the first month.

Achievements & Certifications

- **Certificate of Leadership** – for serving as finance secretary in Hayatian Computing Society, UOG.
- **Certificate of Internship** – BIC in collaboration with Punjab information technology boards
- **Certificate of Entrepreneurship** – received for participating in Entrepreneurial Gala, organized by SciBiz, UOG.

Languages

- English (Professional Proficiency (Fluent in speaking, writing, and reading)), Urdu (Native Proficiency), Punjabi (Native Proficiency)