

Syed Daniyal Ali

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SUMMARY

Senior Software Engineer with 5+ years of experience in cross-platform app development using Flutter, Firebase, and REST APIs. Reduced app load times by 40% and maintained a 95% sprint delivery rate. Passionate about building scalable, user-centric mobile solutions.

EXPERIENCE

Sr. Software Engineer- Flutter

Invision Solutions

June 2022 - Present, Shahrah-e-Faisal Branch

- **Developed and maintained 10+ cross-platform** apps using Flutter, Firebase, REST APIs, and modern state management (**Riverpod, BLoC, Provider, Getx**), delivering scalable solutions across industries like religion, AI, education, logistics, and language learning.
- **Collaborated across 20+ sprints** with cross-functional teams, ensuring 95% on-time delivery and high-quality, user-focused apps.
- **Decreased average app load times by 40%** through optimization of Flutter widgets, image caching, and lazy loading techniques.
- **Implemented Firebase Auth and Firestore in 6+ apps** to enable secure login, real-time updates, and user session management.

Mobile Application Developer

Quantic Solutions

February 2020 - June 2022, Nazimabad Branch

- **Developed and launched 4+ cross-platform mobile apps** for transportation and automotive sectors using Flutter and Firebase.
- **Integrated real-time data handling** with smooth user experiences, including trip listings, car listings, and secure user authentication.
- **Maintained 90%+ crash-free sessions** across low- to mid-tier Android devices by optimizing performance and ensuring responsive UIs.

PROJECTS

Shia Toolkit

Invision Solutions • [LINK](#) • June 2022 - Present

- Developed a feature-rich Islamic app for Shia Muslims with **1M+ downloads** and active users across 50+ countries.
- Implemented core features including **150+ Duas**, Ziyarat, Qibla direction, Islamic calendar, and audio recitations.
- Designed and deployed an offline-first architecture using **SQLite and Firebase**, reducing server load by over 60% and ensuring uninterrupted access.
- Optimized app performance to maintain **smooth operation on devices with <2GB RAM**, improving accessibility for low-resource users.

Procor (RailSource – Private Enterprise App)

Invision Solutions • [LINK](#) • June 2022 - August 2023

- Contributed for **1.5 years** to the development of a railcar fleet management system used by **multiple rail operators across Canada**.
- Built real-time asset tracking modules capable of monitoring **10,000+ active railcars**, using location data and status updates with sub-second latency.
- Developed interactive dashboards and reporting tools that improved operations visibility, reducing manual reporting time by **~60%**.
- Integrated with complex internal APIs and authentication mechanisms, ensuring secure access and smooth communication across **multiple departments**.
- Implemented offline-first support in critical modules, enabling reliable usage in **low-connectivity areas** such as remote rail yards.

Vzone (In Progress)

Invision Solutions • [LINK](#) • January 2025 - Present

- Designing and developing a mobile app for a live classifieds platform with an existing user base of **10,000+ web visitors/month**.
- Integrated **Gemini AI** to autofill product posting forms, reducing user input time by **~40%** and improving ad submission rates.
- Built intelligent search and multi-layered filtering features, capable of handling **100K+ listings** with responsive performance.
- Designed a modern and user-friendly UI, resulting in **30% faster navigation** compared to earlier test prototypes.
- Implemented Firebase backend and Firestore for real-time updates, ensuring **<1s data sync latency** for posts and messages.

PIKHS Dictionary – Inuinnaqtun ↔ English (Mobile & Web App)

Invision Solutions • [LINK](#) • August 2023 - February 2024

- Developed both **mobile and web** platforms for a bilingual dictionary serving **Inuinnaqtun-speaking** Indigenous communities in Canada.
- Achieved **90%+ UI consistency** across Android and web by leveraging a single Flutter codebase, reducing development time and maintenance costs.
- Optimized performance for **low-bandwidth and remote areas**, reducing load times by **40%** through efficient caching and asset handling.
- Supported **hundreds of word entries** with structured, fast search capabilities and a seamless user experience tailored for educational use.
- Partnered with **local linguistic experts** to ensure accuracy and cultural relevance, contributing to Indigenous language preservation and accessibility. [Mobile App](#) • [Website](#).

Random Win

Invision Solutions • March 2024 - July 2025

- Designed and prototyped a **multi-game betting app**, enabling users to participate in time- or rule-based challenges like “9 to 5 Escape”.
- Implemented core mechanics for fixed and **real-time** betting games, increasing user engagement by up to **40%**.
- Integrated time-based logic to **automate winner selection**, ensuring fairness and transparency in gameplay.
- Developed responsive user flows and visual components to support seamless betting, countdowns, and **multi-user participation**.

Tuttar vik

Invision Solutions • [LINK](#) • June 2023 - February 2024

- Developed a cross-platform job search app using Flutter and Firebase, **integrating 2 third-party job APIs** to increase job listing visibility by 60% across Canada.
- Enabled access to both local (on-platform) and external (**Google Jobs**) opportunities, boosting user engagement by **45%** within the **first 3 months**.
- Enhanced discoverability and navigation with dynamic search filters, categories, and **geo-targeted listings**, improving user retention by 30%.
- Implemented secure **Firebase authentication** and real-time updates for over 1,500+ active users, ensuring seamless experience and **99% crash-free** sessions.

Time Tracker

Invision Solutions • April 2023 - January 2024

- Developed a **lightweight** time-tracking app using Flutter and Firebase, enabling users to log and assign hours to tasks with a simplified **Jira-style** flow.
- Implemented intuitive task creation, **daily logs**, and week-based calendar views, improving team productivity tracking by **40%**.
- Designed a **real-time** dashboard to display daily and weekly summaries, enhancing time transparency **across 3+ internal departments**.
- Supported task-based reporting for 50+ users with **Firebase Auth and Firestore**, ensuring seamless cross-platform performance with **>95% session** stability.

Thievery Exposure – AI-based Smart Security System

Final Year Project • January 2021-May 2021

- Developed a smart intruder detection system using Flutter, **GSM**, and **WiFi modules** to send **real-time alerts and logs** to users.
- Integrated AI-based **motion detection** using a camera module, reducing false alarms by over **70%** compared to traditional PIR sensors.
- Enabled **remote access** and monitoring through a Flutter mobile app, resulting in **improved security** visibility for users.
- Designed and implemented **custom notification** system via SMS and push using **IFTTT**, instant.
- Led the **end-to-end development** and testing of the hardware and mobile integration, improving detection coverage in test scenarios by **40%**.

EDUCATION

Bachelor of Science in Computer Science

Minor in Mathematics • Indus University • Gulshan-e-Iqbal • 2022 • 3.68

- Graduated with a CGPA of **3.68** Final Year Project: Thievery Exposure – a Flutter-based AI app to detect intruders, send alerts via Wi-Fi and GSM, and ensure **real-time security notifications** on connected devices.

Software Engineering

Aptech • Metro Star Gate • 2019

- Completed **3 years** of comprehensive training in software development with a focus on Android and cross-platform **mobile technologies**. Demonstrated academic excellence and strong technical skills through multiple **national and international** programming competitions.

AWARDS & HONORS

Winner in Mobile App Development

Aptech's • 2021

- 1st position in Android Development from Aptech's Techon.

Ignite National Technology Fund

Government of Pakistan(Ignite) • 2021

- Final Year project is funded by the **Government of Pakistan** (Ignite).

Runner up in Android Development

Iqra University • 2020

- **2nd position** in Android Development from Iqra University.

First Position in Mobile App Development

Aptech • 2020

- **1st position** in Android Development from Aptech's Techwiz **world wide** Competition

Winner in Android Development

Fast University • 2020

- **1st position** in Android Development from **Fast University**.

Student of the year Award

Aptech • 2019

SKILLS

Languages: Dart, PHP, Python, TypeScript, Java, SQL, C++, C#, Rust, Shell, XML, Bash

Frameworks: Flutter, Dart Frog, Pandas, NumPy, Matplotlib, Firebase (as BaaS framework), Riverpod, GetX, Provider

Tools: Android Studio, VS Code, Firebase Studio, Git, GitHub, Postman, Canva, Arduino IDE

Soft Skills: Problem-Solving, Time Management, Leadership, Sprint Planning, Team Collaboration, Critical Thinking, Adaptability