

Syed Nabi

Senior Full Stack Developer | Mobile & Backend Specialist | Flutter, .NET Core & Cloud

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PROFESSIONAL SUMMARY

Senior Full Stack Developer with 9+ years of experience building scalable mobile and backend applications using Flutter, Android (Kotlin), and .NET Core. I specialize in delivering end-to-end solutions, from architecture and development to deployment and maintenance.

Experienced in working with distributed teams, handling large-scale databases, and implementing secure authentication systems using Keycloak, including developing custom Keycloak plugins. Proven experience leading development teams, setting technical direction, and ensuring high code quality through structured code reviews and engineering best practices.

Proven experience across fintech, healthcare, and e-commerce domains, with the ability to communicate effectively in remote environments and translate business requirements into reliable, scalable solutions. Holds an MPhil in Computer Science with published research in augmented reality and computer vision.

CORE SKILLS

Mobile Development

Flutter, Dart, Dio, GetX, Isolates, Flutter Web, Platform Channels

Backend & APIs

.NET Core REST APIs, Firebase (Auth, Firestore, FCM), Redis, PostgreSQL

Payments & Security

Stripe, Google Pay, Apple Pay, In-App Subscriptions, Keycloak (custom plugins), OAuth2, JWT

Architecture & State

Clean Architecture, BLoC, Provider, Riverpod

DevOps & Quality

CI/CD (GitHub Actions), Play Store & App Store Deployment, Docker, Azure

Databases

PostgreSQL, SQLite, Hive, Room, MySQL

Maps, AR & QA

Google Maps SDK, ARToolKit, Vuforia, Unit/Widget/Integration Testing

Tools & Analytics

Android Studio, Xcode, Postman, Firebase, Crashlytics, Jira, Slack, DigitalOcean, Agile/Scrum

WORK EXPERIENCE

Senior Full Stack Developer at StartupHakk

Aug 2024 – Present

Remote

- Led end-to-end development of cross-platform mobile applications using Flutter and native Android (Kotlin), consistently delivering production-grade solutions with Clean Architecture that are maintainable and easy to scale.
- Designed and maintained scalable .NET Core REST APIs handling millions of database records, implemented multi-layered security with Keycloak and OAuth2, and improved query performance resulting in faster and more reliable data access.
- Improved overall code quality and reduced production issues by leading code reviews and introducing best practices; regularly researched and recommended better technical approaches that saved the team time and effort.
- Owned the complete deployment lifecycle for mobile, web, and backend services, streamlining the release process through CI/CD pipelines (GitHub Actions) and reducing manual effort across all environments.
- Participated in client meetings to gather requirements and present technical solutions, helping bridge the gap between business expectations and engineering delivery.

Mobile & Full Stack Developer at SEVENSOL Technologies (PVT) LTD

Aug 2018 – Jul 2024

Pakistan

- Delivered production-ready apps using Flutter and Kotlin (Jetpack, Coroutines) across fintech, healthcare, and marketplace domains, with a focus on performance, reliability, and smooth user experience.
- Integrated Google Maps & Places APIs with geofencing, real-time tracking, and location-based search.
- Implemented Google Pay and Apple Pay payment gateways with secure server-side validation.
- Developed dynamic web applications using Vue.js and built robust REST APIs with .NET Core + PostgreSQL.
- Improved app performance and stability using Android Studio Profiler; managed full release pipelines for Play Store and App Store including signing, staging, and rollout.

Android Application Developer at University of Malakand

Oct 2016 – Jul 2018

Malakand, Pakistan

- Developed AR-enabled Android apps (ARToolKit, Vuforia) for accessibility and educational use cases.
- Built an ICT R&D-funded indoor navigation system for visually impaired users using real-time audio guidance.
- Conducted rigorous testing and collaborated on feature design and prototype deployments.

SELECTED PROJECTS

- **Meet Kevin App (Android, iOS)** An advanced AI-driven platform covering stocks, real estate, and personal finance. Backend ML and AI algorithms analyze and filter the best deals for users in real time. Built cross-platform using Flutter with a focus on performance, data accuracy, and seamless user experience.
- **Zama Shops (Android)** An online marketplace connecting buyers and sellers across Pakistan, featuring category browsing, ad posting, and secure transaction flows.
- **Mahaana (Android)** Pakistan's first SECP-licensed digital investment platform. Built with Flutter, integrated secure payment flows, and handled complex financial data with high reliability.
- **Careclix 247 (Android, iOS)** A full healthcare platform with caregiver booking, GPS-based search, real-time chat, and audio/video calling. Delivered on both Android and iOS.
- **Go2 App (Android, iOS)** A social discovery app for events, places, and businesses with real-time chat and photo/video sharing. Built for cross-platform using Flutter with Firebase backend.
- **Indoor Navigation System for Visually Impaired Users (Research)** ICT R&D funded project at University of Malakand. Used AR and computer vision to guide visually impaired users through indoor environments using real-time audio feedback.

EDUCATION

MPhil in Computer Science, University of Malakand

2017 – 2019

Thesis: ARToolKit-Based Lowest Cost Indoor Guidance System for Robot | Funded by ICT R&D

Bachelor of Computer Science, University of Malakand

2011 – 2015

Final Year Project: Augmented Reality Tool for Learning English Alphabets (ARTLEA) using Vuforia SDK

RESEARCH PUBLICATIONS

- A Generic Approach toward Indoor Navigation and Pathfinding with Robust Marker Tracking. A low-cost AR navigation system using smartphone cameras and printed markers for visually impaired users and tourists.
- Fingertip Gestures Recognition Using Leap Motion and Camera for Interaction with Virtual Environment. A novel single-fingertip gesture recognition technique outperforming Leap Motion in task accuracy and user satisfaction.

CERTIFICATIONS

- Flutter & Dart – The Complete Guide (Udemy)
- Kotlin Coroutines & Flow for Android (Udemy)
- IBM iOS & Android Mobile App Developer Specialization

- The Complete Android & Kotlin Development (Udemy)

- Designing User Interfaces & Experiences – UI/UX (IBM)

LANGUAGES

English (Fluent) **Urdu** (Fluent) **Pashto** (Fluent)

References available upon request