

Hassan Ayoub Zafar

[LinkedIn](#) | [GitHub](#)

☎ 03217421514 | ✉ hz.asd1@gmail.com

Professional Summary

Dynamic and results-driven **Full-Stack Developer** with specialization in **Backend Development, Cloud-Based Solutions**, and **Cross-Platform Mobile Development**. Proven track record of designing high-performance applications across sectors like healthcare, waste management, and insurance. Expert in leveraging tools such as **Django, Python, Flutter, AWS, NestJS, and Next.js** to deliver scalable, AI-driven solutions. Known for optimizing backend performance, my projects, like the **GTS Intellawaste platform**, support smart waste management and have contributed to operational efficiency. **150k+ downloads on Appstore and Playstore.**

Professional Experience

Senior Software Engineer

Techverx, Plano, TX | 08/2022 - Present

- **AI-Powered Support Platform:** Developed a support platform for US healthcare centers, reducing helpline queues by over 30% and enhancing daily call handling capacity.
- **Cloud-Based Contact Center Solution:** Designed an AWS-powered contact center platform for Concierge Contact Center, enabling seamless customer interaction management.
- **Leonardo247 Insurance Management Platform:** Led full-stack development of a comprehensive insurance system, delivering web and mobile apps with responsive design, powered by Django and AWS.
- **GTS Intellawaste Platform Development:** Enhanced backend performance of a smart waste management solution using Django and Next.js, focusing on efficiency, scalability, and security.

Software Developer

Innovage.io, Lahore, PPB | 02/2022 - 11/2024

- **Carbon Voice:** Improved web performance and implemented custom animations across Android, iOS, and web versions.
- **MyScreenCoach:** Released a cross-platform app for Android, iOS, Windows, Mac, and

the web, optimizing site performance and adding essential features.

Software Developer

MobilityONE, Zagreb, H21 | 08/2021 - 11/2024

- Conducted critical bug fixes and boosted site performance.
- Utilized **Microsoft Azure** for CI/CD and developed REST APIs using **Node.js**.

Application Development Manager

Kanessa, Remote | 06/2021 - 11/2024

- Sole developer on the Kanessa app suite, integrating **Shopify** with custom **GraphQL** solutions.

Associate Software Developer

WADDCO, Lahore, PPB | 03/2019 - 11/2024

- Delivered multiple SaaS applications, including a **live video conferencing platform**, e-commerce stores, and a community app for the Windsor Association.
- Built a video-sharing social media platform with TikTok-like features and an in-app payment system for creators.

Key Skills

- **Backend Development:** Django, Python, Node.js, NestJS
- **Mobile & Frontend Development:** Flutter, Next.js, Android, iOS
- **Cloud Integration:** AWS (EC2, S3, Lambda), Azure, Digital Ocean, Firestore, DynamoDB, MongoDB, PostGres
- **AI & Automation:** OpenAI, AWS Bedrock, AWS Lex

Certifications

- [DeepLearning.AI TensorFlow Developer](#)
- [Generative AI for Software Development](#)
- [Developing Back-End Apps with Node.js and Express](#)
- [JavaScript Security](#)
- [Fundamentals of NestJS](#)
- [TensorFlow in Practice Specialization](#)

Additional 20+ certifications in UX, TensorFlow.js, and NestJS etc can be found [Here](#).

This proves my dedication to constantly learning and improving myself 1% a day but every day.

Live Applications (with at least 1k+ downloads)

Salamly: Salamly is an all-in-one Muslim social media app offering the Quran, prayers, Islamic quotes, halal dating, live Mecca streaming, tasbeeh counter, and a safe, halal community for Muslims worldwide.

[Android](#) | [IOS](#)

Carbon Voice: Carbon Voice is the best way to capture your ideas with voice, refine them with AI, and share the output. Collaborate on your ideas with others from anywhere, at any time, across hundreds of languages.

[Android](#) | [IOS](#) | [Web](#)

MyScreenCoach: Your Ultimate Screen Time Manager for the Whole Family that Rewards Good Habits! Discover ScreenCoach, the life-tech balance superhero that makes managing screen time a breeze for busy parents like you.

[Android](#) | [IOS](#) | [Windows](#) | [Mac](#)

KlikyAI: Kliky is the perfect tool for anyone looking to transform text into stunning visual art. With our innovative technology, you can create beautiful images that are based on your words and ideas.

[Android](#) | [IOS](#)

My Packages:

https://pub.dev/packages/rotating_shining_card

Clients with \$1M+ Revenue

- [LEONARDO247](#)
- [Concierge's Contact Center](#)
- [Intellawaste](#) (GTS)

Personal Projects

- **Meditation Alive**
Meditation Alive is a subscription-based video streaming application. Users can

comment, like, and create playlists of their favorite videos.

[GitHub Link](#)

- **Volt Arena**

Volt Arena is an online paintball booking application where users can book and purchase tickets for paintball games.

[GitHub Link](#)

- **The Learning Castle**

A SaaS application with modules for admin, teacher, parent, and student. Teachers can mark attendance, add marks, rate activities, and chat with parents in real-time. Parents can view attendance, track progress, and pay fees within the app.

[GitHub Link](#)

- **Criminal Identification Network and Sketch to Real Picture Creation**

A public safety networking app where users can report crimes and create sketches of criminals. A deep learning algorithm (Pics2Pics) generates realistic face images from sketches.

[GitHub Link](#)

- **Capital View**

Capital View is a multimedia hub for web, TV, print, and mobile, providing insights into emerging growth markets and covering international, business, and sports news.

[Android Link](#)

- **Windsor Essex Muslim Care**

A members-only application for the Muslim community of Canada, offering features like real-time prayer timings, Qibla directions, and business promotion among members.

[Android Link](#)