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Professional Summary

I am a Full-Stack Developer specializing in **Flutter** for front-end development and **Python (Django, Firebase)** for back-end systems, with one internship under my belt.

I have experience working freelance with clients, building **Flutter applications** as well as handling **Python-based machine learning models, data pipelines, and API integrations**. My work includes **web scraping, API development, and database management** using **MongoDB and Firebase**.

Currently, I am focused on expanding my expertise in **back-end development**, while continuing to create projects that prioritize **usability** and **scalability**.

Education

Bachelor of Science in Software Engineering

COMSATS University Islamabad

Sept 2021 – Present

Projects

Music Buddy (*Mobile App*)

A Flutter-based mobile application designed for downloading and listening to music created purely for my own use.

- Allows users to **stream and download favorite songs** in a clean and intuitive interface.
- Integrates a feature to **convert and download YouTube videos as MP3 files**, enhancing media access.
- Supports **offline playback**, playlist creation, and background streaming for a complete music experience.

Sasta Hai (*Price Tracking App — Ongoing*)

Flutter-based price tracking and alert app with a Python back-end.

- Helps users find **discounted products** across multiple e-commerce platforms.
- Implements **price alerts, historical price graphs, and flash sale notifications**.

- Includes a **bidding system** and **secure seller verification**.
- Planned features: **AI-driven product suggestions** and **price comparison** across stores.

AIMS School Management System (Website)

Responsive school management portal built using React.

- Includes **online admissions**, **curriculum details**, **administration messages**, and **school achievements**.
- Real-time communication supported via **WhatsApp chat integration**.
- Future updates: **student portal**, **results tracking**, and **notification system** (currently being worked on).

GrizzSpace (Real-Time Social Chat App)

Private, Grizzly-themed chat application built with Flutter and Firebase to chat wi.

- Supports **end-to-end encrypted messaging** with instant push notifications.
- Supports anonymous social networking.
- Real-time sync using **Firebase Firestore**.
- Features: **emojis**, **nickname login**, **status updates**, and **custom themes**.
- Designed for **casual, secure communication** between friends and those looking for friends.

Technical Skills

Languages & Frameworks: Dart, Python, JavaScript, HTML/CSS

Frontend: Flutter, React (basic)

Backend: Django, Firebase, REST APIs

Databases: MongoDB, Firebase Firestore, SQLite

Tools & Platforms: Git, Postman, Android Studio, VS Code

Other: Web scraping (BeautifulSoup), Firebase Authentication, Push Notifications