

ADITYA SHARMA

+91-9829498064 ◊ Delhi/Noida
adityambha1999@gmail.com ◊ linkedin ◊ Github

PROFESSIONAL SUMMARY

Backend Engineer with 3+ years of experience **designing** and **deploying scalable, cloud-native systems**. Strong expertise in **Go, Python, REST APIs, authentication systems, and distributed architectures**. Experienced in building privacy-first messaging platforms, GenAI services, and regional-scale mobile applications. Proven ability to lead end-to-end product development from MVP to public beta.

SKILLS

Programming & Scripting languages:	Python, bash
Frameworks & libraries	Pyspark, Flask, Django, Numpy,Flutter, Pandas,Scikit-learn, Selenium
DataBases:	SQL, PostgreSQL, MongoDB
Data Visualization:	Power BI, Matplotlib, seaborn
Machine Learning:	Supervised learning, Statistical modeling, Feature engineering, Hyperparameter tuning, NLP(Natural language processing)
GenAI / LLMs:	LangChain, RAG Pipelines, Fine-tuned LLaMA, Prompt Engineering
Cloud Platforms:	Microsoft Azure , AWS
Containers & DevOps:	Docker, Git, GitHub

WORK EXPERIENCE

Backend Engineer

Tezikaro.in

Sep 2025 - Present
Pre-Release / Public Beta

Privacy-First GenZ Lifestyle Super App (Flutter + Go + OCI)

- Co-founded and architected a cross-platform **Flutter** application integrating food delivery, quick commerce, GenZ lifestyle utilities, and private E2EE messaging.
- Designed scalable backend systems using **Go (Golang)** with secure REST APIs and **Firestore Authentication** for identity management.
- Engineered a **zero server-storage end-to-end encrypted messaging framework**, ensuring client-side data ownership for text, image, and video communication.
- Deployed containerized microservices on **Oracle Cloud Infrastructure (OCI)** with scalable compute and managed database services.
- Led product roadmap execution; currently in **Noida & Delhi**, including merchant onboarding, beta user acquisition, and operational readiness.
- Executing public beta testing with pre-release APK distribution via official website.

Tech Stack: Flutter, Go, Firestore Auth, PostgreSQL, Redis, Docker, Oracle Cloud (OCI), E2EE Design

Project-Based Professional

Abha Technologies (TBR)

Oct 2024 - Aug 2025
Remote

MAXRay - AI agent for XRay Image Recognition, Enhancement and Consultation

- Designed and developed a GenAI-powered healthcare platform (Web + Mobile + Desktop) compliant with **ISO 13485 & ISO 26262** standards.
- Built scalable backend services using **Python (Flask)** with secure **REST APIs, role-based access control, and session management**.
- Developed interactive frontend interfaces using **React**, for **real-time AI-assisted diagnostics**.
- **Architected private cloud infrastructure, leveraging Azure/AWS, PostgreSQL, and Redis** for high-performance data handling.
- Led development of a proprietary **AI agent for on-device image recognition, enhancement, and medical consultation workflows**.
- Worked in a fast-paced R&D environment. **Tech Stack:** Python, Flask, React, PostgreSQL, Redis, Docker, Azure/AWS, GenAI

Associate Engineer

July 2022 - Oct 2023

ATCS - A Nagarro company

Jaipur, Raj, IN

- Assisted in **data collection, data cleaning, preprocessing** and dataset maintenance
- Developed and optimized **ETL pipelines** using **PySpark** and **Azure Data Factory** for large-scale data processing.
- Worked extensively with **Azure Synapse, Databricks**, and **PostgreSQL** for analytics and reporting.
- Built and maintained secure, scalable APIs, collaborating with cross-functional teams under tight deadlines.

Data Science Intern

Jan 2022 - July 2022

ATCS - A Nagarro company

Jaipur, Raj, IN

- Worked on **data engineering** and **ML-driven pricing optimization** using **statistical modeling and ML techniques**.
- Seamlessly integrated various data sources, leading to creation of data mart.
- Contributed to production-grade ML workflows.

PROJECTS

- **Scrcpy-GUI-Flutter (macOS Desktop Tool for Android Control)** 2026
<https://github.com/108slashpheonix/scrcpy-gui-flutter>
 - Developed a macOS-focused desktop GUI for **scrcpy** using **Flutter**, enabling seamless Android screen mirroring and device control.
 - Integrated **ADB-based device detection**, command execution, and real-time screen streaming on macOS.
 - Built and tested natively on **Apple Silicon (M4)** using Mac mini, ensuring ARM64 compatibility and performance.
 - Designed modular architecture for managing connected devices, app listing, and terminal access.
 - Published and maintained the project as an open-source tool on GitHub.**Tech Stack:** Flutter, Dart, ADB, scrcpy, macOS Desktop, Apple Silicon (ARM64)

EDUCATION

- **B.Tech, Information Technology** 2018-2022, Jaipur, Rajasthan, IN
Swami Keshwanand Institute of Technology, Management and Gramothan