RIDA E ZEHRA DARS

AI & Automation | Machine Learning | Flutter Developer
Karachi, Pakistan • +92-334-3652726 • darsrida483@gmail.com
• GitHub • LinkedIn

PROFESSIONAL SUMMARY

Final year Artificial Intelligence student at DHA Suffa University with a strong foundation in Python-driven development, machine learning, and LLM-based applications. Experienced in building AI tools using Streamlit, n8n, and Google Gemini API. Flutter developer with hands-on industry experience across mobile and AI products. Two-time international Silver Medallist at BUCA IMSEF and proven leader as Class Representative.

WORK EXPERIENCE

AI Intern | **Kneva Buildables Fellowship** *Jan 2026 – Feb 2026*

• Built a fully autonomous AI voice receptionist using VAPI, n8n, and MCP architecture, automating real-time customer calls, CRM lookups, booking, rescheduling, and cancellations.
• Integrated Google Calendar and Google Sheets automation for real-time scheduling, call logging, and end-of-call
reporting.
• Designed structured prompts and conditional workflows to handle dynamic, non-linear voice interactions.

AI Intern | **Buildables** *Aug 2025 – Nov 2025*

• Developed practical AI and automation applications, including an Auto Job Apply Agent, GeminI Conversational LLM, Text Analysis Tool, and AI News Summarizer.
• Applied prompt engineering, workflow automation, API integration, and LLM-based application design to build functional AI solutions.
• Worked with Google Gemini API, Groq API, n8n, Streamlit, and Gradio, gaining hands-on experience in real-world AI development and deployment.

Flutter Developer | **Appium Logics Solutions** *Nov 2024 – Jan 2025*

• Developed and optimized front-end interfaces for mobile applications using Flutter and Dart.
• Implemented state management and reusable custom widgets to enhance performance and maintainability.
• Collaborated with back-end developers for API integration, ensuring a smooth, responsive user experience across
devices.
• Gained practical experience in UI/UX design, version control (Git), and team-based agile development.

KEY PROJECTS

AI Voice Receptionist | VAPI, n8n, Google Calendar API, Google Sheets API, MCP Server

• Built a fully autonomous AI voice receptionist capable of handling real-time customer calls and appointment management.
• Integrated VAPI with n8n via MCP architecture to automate CRM lookups, booking, rescheduling, and cancellations.
• Implemented Google Calendar and Google Sheets automation for scheduling, logging, and end-of-call reporting.
• Designed structured prompts and conditional workflows to handle dynamic, non-linear voice interactions.

PlantPanda – Plant Marketplace App | Flutter, Dart, Supabase, Provider

• Built a full-featured plant marketplace app from scratch with a dark forest-green UI theme.
• Implemented multi-screen architecture (onboarding, home, plant detail, cart, nursery listings, profile). • Integrated Firebase Auth with Email/Password, Google Sign-In, and Apple Sign-In.
• Applied custom state management with Provider and backend integration via Supabase.

Face Attendance System | Python, OpenCV, NumPy, Pandas, Pillow
• Developed a real-time face recognition-based attendance system using OpenCV.
• Implemented Haar Cascade classifiers for accurate face detection via live webcam feed.
• Automated attendance logging with date and timestamp storage in CSV format.
• Delivered both CLI and GUI-based versions with role-based authentication (Admin & Teacher).

Gemini Conversational LLM | Python, Streamlit, Google Gemini API
• Developed a multi-persona conversational AI with Professional, Creative, and Technical system prompts.
• Supported multi-turn conversations (10–20+ turns) with persistent memory and ~1–2s average response latency.
• Applied prompt engineering to control tone, verbosity, and reasoning style.

Mini RAG PDF QA System | Python, Streamlit, Gemini API, PyPDF2
• Built a PDF-based RAG QA system enabling contextual Q&A over 20–100+ page documents.
• Indexed hundreds of text chunks using FAISS for sub-second semantic retrieval.
• Designed interactive UI with Q&A history and CSV/Markdown export.

TECHNICAL SKILLS

Languages: Python, JavaScript, Dart, Java, C/C++
Frameworks & Libraries: Flutter, Django, Streamlit, Gradio
Generative AI & Automation: Google Gemini API, Groq API, Prompt Engineering, RAG, n8n, VAPI, Retell AI, MCP Architecture, API Orchestration
AI/ML Libraries: Hugging Face Transformers, Scikit-learn, OpenCV
Data & Visualization: Pandas, NumPy, Matplotlib
Databases: SQL, Supabase, Firebase Firestore
Firebase: Auth, Firestore, Storage, FCM
Tools & AI: Git, GitHub, VS Code, Android Studio, Google Cloud APIs, Lovable, Cursor, Antigravity **Architecture & Practices:** MVC, MVVM, Agile/Scrum

EDUCATION

BSc Artificial Intelligence (3rd Year) | DHA Suffa University, Karachi *2023 – 2027 (Present)*
CGPA: 3.68 / 4.00

CERTIFICATIONS & ACHIEVEMENTS

- DP-900: Microsoft Azure Data Fundamentals – Score: 925/1000 – *Microsoft*
- AI-900: Microsoft Azure AI Fundamentals – Score: 933/1000 – *Microsoft*
- Google AI Essentials – *Google*
- Understanding Prompt Engineering – *DataCamp*
- AI Ethics – *DataCamp*
- Generative AI Concepts – *DataCamp*
- Introduction to Python – *DataCamp*
- Introduction to Java – *DataCamp*
- CSS Crash Course – *Udemy*
- Second Position (Silver Medal) – *BUCA IMSEF 2021 International Project Fair, Izmir, Turkey*
- Second Position (Silver Medal) – *BUCA IMSEF 2022 International Project Fair, Izmir, Turkey*
- Fourth Position – *HSSC-II Examination 2023, Hyderabad Board*