

Sameen Zaki

+92 300 1382937 | zakisameen39@gmail.com | [linkedin.com/in/sameen-zaki](https://www.linkedin.com/in/sameen-zaki) | github.com/Sameen20-bot | sameenzaki.com

EDUCATION

Sir Syed University of Engineering & Technology

B.S. Software Engineering, GPA: 3.9 / 4.00, CGPA: 3.6 / 4.00

Karachi, Pakistan

Oct. 2022 – July 2026

EXPERIENCE

Data Science Intern

July 2026 – Sep. 2026

10Pearls

Remote

- Built an end-to-end AQI forecasting system for Karachi on a serverless stack: feature pipeline, Hopsworks feature store and model registry, a FastAPI service on Render, and a public Streamlit forecast dashboard
- Engineered 23 time-based, lag, and rolling features from 3 years of hourly weather and pollutant data (26,000+ rows), using leakage-safe chronological splits
- Trained and evaluated XGBoost, CatBoost, Random Forest, Ridge, and SVR across 1-, 2-, and 3-day horizons; tuned XGBoost reached R^2 0.837 and MAE 5.37 on the 1-day horizon against a 0.552 persistence baseline, with the hourly pipeline automated via GitHub Actions

Web Developer Intern

Aug. 2024 – Oct. 2024

Curious Packet LLP

Remote

- Built a responsive travel agency website using HTML, CSS, JavaScript, with Hajj/Umrah package sections, an image lightbox gallery, and a booking inquiry form connected to Web3Forms.
- Developed a responsive clinic website with services, doctors, and blog sections, and a JavaScript mobile navigation menu

PROJECTS

DentGuard AI | *React Native, YOLO, LangChain, FastAPI, Hugging Face*

Final Year Project

- Built the React Native frontend for an Android dental diagnostics app in a four-person team, integrating a YOLO-based oral disease detector and a RAG dental chatbot, and deployed both to Hugging Face Spaces
- Implemented nearby-dentist search using Google Maps API and Places API, and a dentist verification workflow driven by Firestore real-time listeners
- Added PDF export for diagnosis reports and per-session chatbot state management to keep conversation history within the LLM token limit

InDrive Analytics — Power BI, Power Query, DAX

Personal Project

- A multipage Power BI report using a synthetic dataset of over 150,000 bookings, with a star schema model and DAX measures for success rate, revenue, and cancellation analysis.

Mobile Sales Analytics — Power BI, Power Query, DAX

Personal Project

- An interactive dashboard for mobile sales, city-level mapping, and month-to-day slicer across PKR 221M in sales.

Fully Fuelled Detailing | *WordPress, Elementor*

Client Project (UK)

- Designed and deployed a five-page marketing site for a car detailing business in the UK, covering services, gallery, reviews, and a quote-request contact form
- Handled Elementor layout build, responsive breakpoints, image optimisation, and Hostinger deployment

TECHNICAL SKILLS

Data Analysis & Data Science: Python (Pandas, NumPy, Scikit-learn), SQL, EDA, Power BI (DAX, Power Query), Business Statistics, Data Visualization, Machine Learning Models, Deep Learning Models, Feature Store, Model Registry, Automation (CI/CD), FastAPI, Streamlit

WordPress & CMS: WordPress, Elementor, WooCommerce, Gutenberg

Mobile Development: React Native, Expo, Redux, Firebase, Firestore, CLI

Tools & Platforms: Git, GitHub, REST APIs, MySQL, phpMyAdmin, Render, Hopsworks, Netlify, Hostinger