

# Syed Shaheer Sabri

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## EDUCATION

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### Institute Of Business Administration, Karachi, Pakistan – BSCS - 05/2025

**Relevant Course Work** – Business Intelligence, Data Structures, Objected Oriented Programming, International Business Parallel & Distributed Computing, Database Systems, Software Engineering, Deep learning and neural networks.

**Societies** – Community welfare society - (Management Team)

## TECHNICAL SKILLS

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**Programming** – Python, Java, JavaScript

**Database** – MongoDB, Oracle SQL

**Big data** – Apache Hadoop, Apache Spark, Hive, NiFi, Kafka, Hbase

**Operating Systems** – Windows, Ubuntu

**Software Tools** – Figma, Trello, Git, Docker

## PROJECTS

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### AI Recruitment System (Final Year Project)

- Engineered a conversational RAG based LLM-powered technical interviewer, automated resume screening and intensive scoring
- Integrated components with FastAPI and Github for version control
- Containerized each module using Docker

### Ecommerce Streaming Big Data Pipeline (Live dashboards)

- Built a **Dockerised** data pipeline using **Hadoop, Nifi, Kafka, Spark, Hbase** and **Mongodb**
- Created live dashboards using streamlit

### Kaggle Challenges

- Developed machine learning models using **pandas, scikit-learn**, and **TensorFlow** to predict patient survival and property prices from large datasets, applying data cleaning, feature selection, and model optimization to improve accuracy, which was measured using classification accuracy and RMSE.

### Predictive Model of Acute Kidney Injury (Freelance Project)

- Used SQL for data extraction and built ML Models (Logistic Regression, Random Forest, XGBoost)
- Achieved strong AUC-ROC metrics, providing valuable clinical insights into AKI risk

## WORK EXPERIENCE

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### Systems Limited – 07/2024 – 09/2024

#### Data Science Intern

- Assisted in developing a **Gen AI**-based system to automate proposal generation for banking RFPs.
- Created a data quality tool to evaluate dataset integrity, detect anomalies, and ensure data accuracy
- Conducted power distribution analysis by collaborating with K-electric and analyzing energy data.

### Edmento – 04/2023 - Present

#### Freelance Tutor for Web development

- Developed and taught curriculum for computer science and web development courses
- Created hands-on coding exercises to reinforce learning and improve student engagement

### HP Tech Ventures - 07/2024 – 08/2024

#### Extern

- Sourced innovative tech startups using industry databases research tools
- Conducted market and financial assessment of potential investment opportunities
- Developed investment memoranda with key insights and recommendations

## COURSES & CERTIFICATIONS

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Google data analytics professional certificate

Deep learning and neural networks