

Syed Husnain Haider Bukhari

Senior AI Engineer & Data Scientist

Islamabad, Pakistan | Available for Remote Worldwide

sayedhusnainhader@gmail.com | [+923136320050](tel:+923136320050) | husnainbukhari.com

[LinkedIn](#) | [GitHub](#) | [Medium](#)

Summary

Highly accomplished AI Engineer and Data Scientist with a robust background in developing performant AI solutions, automation systems, and data-driven insights. Expert in Machine Learning, Deep Learning, Generative AI, and Big Data technologies (Hadoop, Kafka, Airflow). Proven track record in building scalable AI architectures, custom CRMs, and complex automation workflows, successfully delivering over 100 projects globally. Adept at leveraging cloud platforms (AWS, Azure, GCP) and advanced automation tools (Zapier, n8n, Make.com) to drive business transformation and achieve significant efficiency gains. Seeking challenging remote opportunities to lead innovative AI initiatives and contribute to high-impact projects.

Experience

AI Consultant | Duminas Charge | Remote

January 2025 – Present

- Led the development and deployment of advanced AI automation solutions, significantly enhancing client operational efficiency and reducing manual effort by an estimated **30%**.
- Designed and implemented scalable machine learning pipelines for diverse industry applications, improving data processing speed by **25%** and ensuring robust data integrity.
- Provided expert consultation on AI strategy, technology adoption, and custom CRM integrations, guiding clients through complex digital transformations and achieving measurable ROI.

AI Consultant and Trainer | Noveo.ai | Remote

January 2024 – April 2025

- Consulted on AI solution architecture and implementation for various client projects, ensuring robust, scalable, and secure deployments across multiple cloud environments.

- Developed and delivered specialized AI training programs for client teams, enhancing their capabilities in machine learning, data science, and automation tools.
- Collaborated with cross-functional teams to integrate AI technologies into existing systems, leading to improved product functionalities and user engagement.

Machine Learning Engineer | Ayass Biosciences LLC

September 2023 – March 2024

- Developed and optimized ML pipelines for the detection of various diseases, achieving **90%+ accuracy** in diagnostic models.
- Implemented advanced data preprocessing and feature engineering techniques to enhance model performance and reliability.

Applied Data Science Intern | GreyHat

July 2023 – September 2023

Applied AI Intern | Quest

May 2023 – July 2023

Research and Development Intern | Artificial Intelligence and Machine Learning Lab, Islamabad

June 2022 – August 2022

- Authored **two conference papers** on cutting-edge AI research, contributing to advancements in the field.
- Crafted sophisticated scripts for web scraping and data extraction, facilitating data-driven decisions for industry-sponsored projects.
- Automated key research processes, streamlining lab operations and enhancing overall efficiency.

Selected Projects

ProLeads.dev | www.proleads.dev

- Developed an advanced lead generation and management platform, integrating AI for lead scoring and automation for outreach, resulting in a **20% increase in conversion rates** for early users.
- **Technologies:** Next.js, React, Python, LLMs, Custom CRM, Zapier/n8n/Make.com integrations, Cloud APIs (AWS/Azure/GCP).

VisibleAI.dev | www.visibleai.dev

- Created an AI-driven visibility and marketing automation tool, leveraging Generative AI for content creation and SEO/AEO/GEO strategies to enhance online presence.
- **Technologies:** Python, Generative AI, NLP, Web Scraping, SEO/AEO/GEO algorithms, Cloud deployment.

SynthiCare.com | www.synthicare.com

- Engineered an AI-powered healthcare solution focused on predictive analytics and personalized patient care, improving diagnostic accuracy and operational efficiency.
- **Technologies:** Python, Machine Learning, Data Analysis, Cloud Infrastructure, Secure Data Handling.

SensorPosture.ai | Real-time Human Movement Prediction System

- Developed a real-time human movement prediction system using mobile sensors and machine learning to analyze and predict posture, providing instant feedback for improved ergonomics.
- **Technologies:** Python, TensorFlow/PyTorch, Mobile Sensor APIs, Flask, Web Dashboard, Apache Kafka, Hadoop.

Urdu/Hindi Voice Recognition System | Advanced Speech-to-Text for Indic Languages

- Developed an Urdu/Hindi voice recognition system utilizing advanced machine learning models to accurately transcribe spoken language, achieving **93% accuracy** in complex code-mixed speech.
- **Technologies:** Python, Deep Learning (CNN-LSTM), NLP, Speech Recognition Libraries.

AI Calling Agent | Automated Inbound/Outbound Call Pipeline

- Built a pipeline for AI-powered inbound and outbound calls, integrating Twilio, OpenAI, and ElevenLabs to create intelligent conversational agents.
- **Technologies:** Python, Flask, Langchain, Twilio API, OpenAI API, ElevenLabs API.

Education

BS Data Science | FAST National University of Computing and Emerging Sciences, Islamabad

August 2020 – July 2024

- CGPA: 3.45/4.00

Skills

AI & Machine Learning: Deep Learning, Natural Language Processing (NLP), Computer Vision, Large Language Models (LLMs), Generative AI, Reinforcement Learning, MLOps

Data Engineering & Big Data: Hadoop, Apache Kafka, Apache Airflow, SQL, Data Analysis, Data Engineering, Data Warehousing

Automation & Integration: WhatsApp API Development, Zapier, n8n, Make.com, Zoho CRM, GoHighLevel (GHL), Custom CRM Development, Workflow Automation

Cloud Platforms: Amazon Web Services (AWS), Microsoft Azure, Google Cloud Platform (GCP)

Web Development: Python (Flask, Django), JavaScript (React, Next.js), Full-Stack Development

Digital Strategy: Search Engine Optimization (SEO), Answer Engine Optimization (AEO), Generative Engine Optimization (GEO)

Programming & Tools: Python, SQL, JavaScript, Scripting, Project Management, Docker, Kubernetes

Publications

- **Humor Detection in English-Urdu Code-Mixed Language**
2023 3rd International Conference on Artificial Intelligence (ICAI), IEEE.
- **Language Detection and Localization for Pakistani Languages in Acoustic Channels**
2022 17th International Conference on Emerging Technologies (ICET), IEEE. (pp. 142-147)