Abdussamad Ali

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Profile

Dynamic and innovative Computer Engineering graduate and certified AI Engineer from the United States Artificial Intelligence Institute (USAII). I possess a profound passion for cloud computing and artificial intelligence, recognized for exceptional problem-solving skills and a relentless drive to tackle complex challenges through the development of AI solutions. Committed to leveraging cutting-edge technologies to optimize processes, enhance decision-making, and create transformative impacts across various industries.

Key Skills

- Proficient in developing AI agents and solutions to tackle business challenges, enhancing operational efficiency.
- Extensive experience managing end-to-end AI project implementations, particularly in educational technology.
- Skilled in utilizing cloud computing technologies such as AWS and integrating AI solutions to streamline digital processes.
- Demonstrated ability to lead technical teams and collaborate with stakeholders to customize solutions based on identified needs.

Technical Skills

Pytorch	Langchain	MetaFlow	Docker
PROFESSIONAL	**LIMITED**	**LIMITED**	**PROFESSIONAL**
MLFlow	Amazon Sagemaker	Crewai	OpenAI
PROFESSIONAL	**PROFESSIONAL**	**PROFESSIONAL**	**PROFESSIONAL**

Work History

02/2024
Nigeria

Operation Officer
PixelGrid Technologies LTD
- Oversaw end-to-end project management for digitalization initiatives, integrating AI agents to enhance operational efficiency.
- Collaborated with stakeholders at the University of Maiduguri to customize AI-driven edutech solutions that improved operational responsiveness.
- Spearheaded the digitalization of exam processes and records management, utilizing AI-powered tools to enhance data security and accessibility.

02/2022 – 02/2023
Abuja, Nigeria

National Youth Service Corps (NYSC)
National Information Technology Development Agency (NITDA)
- Technology Trends Analysis : Conducting research on emerging technologies such as artificial intelligence (AI), blockchain, cloud computing, Internet of Things (IoT), and cybersecurity.
- Policy Research : Assisting in researching policies that support national IT development, including regulatory frameworks for data protection, e-governance, and digital inclusion

Work History

03/2020 – 07/2022
Nigeria

Technical Office Engineer
BluePage Technologies Ventures
- Designed and implemented digital embedded systems utilizing microcontrollers for innovative applications.
- Developed simulation and circuit diagrams for various technological solutions, enabling real-life applications of theoretical concepts.
- Successfully integrated RF ID and biometric modules to enhance security features and improve user experiences.

Education

01/2023 – 05/2025
Dhahran, Saudi Arabia

Computer Engineering | Master Of Science
King Fahd University Of Petroleum And Minerals

10/2016 – 10/2021
Nigeria

Computer Engineering | Bachelor Of Science
University Of Maiduguri

07/2014 – 07/2016
Maiduguri, Nigeria

Computer Engineering | National Diploma
Ramat Polytechnic

Certifications

Certified AI Engineer
United States AI Institute (USAII)

AWS Certified Cloud Practitioner
AWS

Accelerating End-to-End Data Science Workflows
NVIDIA

Generative AI with Large Language Models
DeepLearning.ai

Digital Skills: Artificial Intelligence
Accenture-Future Learn

Train and Finetune LLMs for Production
Gen AI 360 Certification (collaboration with Activeloop, TowardsAI, & Intel Disruptor Initiative)

Accomplishments

- AWS DeepRacer Competition - Global AI Summit (GAIN), Riyadh - 2nd Place Winner
- AWS DeepRacer Competition - KFUPM 3rd Place Winner
- Certificate of Participation: 1st KFUPM Interdisciplinary Graduate Student Conference
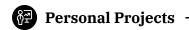- Finalist Machine Learning Hackathon,College of Petroluem and GeoPhysics,KFUPM

Personal Projects

Masters' Thesis
REALTIME DISTRIBUTED TIME SERIES ANALYSIS ACROSS MULTIPLE DATA STREAMS
- Technical Approach: Leveraged CUDA for parallel computing, implemented advanced memory hierarchies and data transfer techniques, and integrated state-of-the-art LLMs.

Personal Projects

- Impact: Demonstrated the potential of combining deep learning and high-performance computing for stock prediction.

Referees

07036886014

ADAMU MUSTAPHA KORI
CEO @ PIXELGRID TECHNOLOGIES LTD

09025489289

ABUBAKAR ABDULLAHI
CTO @ PIXELGRID TECHNOLOGIES LTD

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Research Engineer III @ Interdisciplinary Research Center for Intelligent Secure Systems KFUPM