

Kamal Aliyu

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Profile

Dedicated AI Engineer and Backend Developer with a strong background in developing cutting-edge applications, optimizing backend systems, and spearheading projects to successful completion. Proficient in Python programming, FastAPI, AI technologies, and blockchain development.

Education

COMPUTER ENGINEERING | NOVEMBER 2022 | AHMADU BELLO UNIVERSITY

Professional Experience

AI ENGINEER | ASTRIANOVITY LIMITED | NOVEMBER-2023 - FEBRUARY-2024

Lead AI Engineer

- Led AI projects and initiatives, including developing predictive features and enhancing user experience.
- Spearheaded the integration of AI technology into various platforms to deliver tailored recommendations.
- Collaborated with cross-functional teams to ensure the successful execution of AI projects.

AI ENGINEER | BHARAT INTERN | MARCH-2023 – MAY-2023 | INTERN

- Contributed as an AI Engineer Intern, gaining hands-on experience in AI development and project implementation.

AI ENGINEER | BRAVPULS TECHNOLOGIES | NOVEMBER-2023 - FEBRUARY-2024

- Leveraged AI technologies to develop solutions for various domains, optimizing processes and enhancing efficiencies.
- Collaborated with cross-functional teams to ensure the successful execution of AI projects.

BACKEND DEVELOPER | TGIB HUB | JANUARY-2024 –PRESENT | CONTRACT POSITION

Lead Backend Developer

- Contributed as a Backend Engineer to projects like "KryptoExtract," an online platform providing crypto and blockchain trends and education.
- Played a key role in designing and maintaining robust backend systems to support platform functionalities.

Projects

CogniEdify

`cogniedify.streamlit.app`

Creator and Sole Developer

cogniEdify is an AI-powered educational platform designed to personalize learning experiences for students. Using advanced algorithms and machine learning, cogniEdify tailors lesson plans and interactive content based on individual learning patterns and strengths. It supports various mediums like text and audio to cater to diverse learning styles. Besides academic mastery, cogniEdify promotes critical thinking, problem-solving, and self-directed learning. The platform's goal is to revolutionize education globally by making it more personalized, effective, and engaging.

AgroZenith

agrozenith.vercel.app

Founder | AI Engineer and Backend Developer

Developed and implemented an advanced Smart Irrigation System powered by AI and IoT technologies for AgroZenith, an innovative startup in the agricultural sector. Responsibilities included designing and optimizing AI algorithms for real-time data analysis, integrating IoT devices for data collection, and developing a user-friendly dashboard using Django for remote monitoring and control.

Skills & Abilities

Language Proficiency :

- Python • C++ • HTML5

Version Control:

- Git

AI/ML Frameworks:

- Tensorflow • Pytorch

Database Management:

- SQL • PostgreSQL • mongoDB

