Abdul-Muizz Kelani

AK

Generative AI Engineer/Prompt Engineer/Software Engineer/Product Designer.

Contact

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Skills

- Python
- Data structures
- Data Modeling
- Predictive Modeling
- Regression
- Classification
- Clustering Models
- Tensorflow
- Pytorch
- Keras
- Numpy
- SciKit Learn
- Unit Testing and CI/CD
- Machine Learning Technology
- Explanatory Analysis

Innovative Generative AI Engineer and Software Engineer with skills in Full stack development, data mining and algorithms and **5 years of experience**. Highly experienced in building Full stack solutions and AI apps with comprehensive knowledge of programming concepts and other related technologies. Unmatched abilities to Identify, Understand and translate program requirements into sustainable, advanced technical solutions through the use of **C++**, **C#.Net**, **Nodejs** ,**Javascript** and **Python.**

Work History

2022-11 - Current

Generative AI Engineer

Freelance, Toronto, ON

- Led and built an AI Property Evaluation for Real estate Industry using **LLM** and **OpenAI API**.
- Conducted research to provide AI solutions such as AI lead management to clients using lowcode/no-code AI tools such as **Voiceflow**, **Zapier, Make**, **StackAI** and **Langchain.**
- Developed an AI staff training solution using **Google Dialogflow** and **Microsoft Agents**.
- Developed positive working relationships with stakeholders to effectively coordinate work activities.

2020-09 - 2023-12

Machine Learning Researcher|Prompt Engineer

University Of Guelph, Ontario, GUELPH, Ontario

- Led the development and implementation of deep learning models to classify and detect anomalies through the use of Transfer Learning

Natural Language processing

C

C++

ChatGpt

Blockchain Technology

Data Visualization

Aws

MySql

MongoDB

Jupyter

Java

Javascript

C#

React

Backend

Microservices

Git

Cloud computing

Network Routing and Switching

Linux, Windows, Mac operating systems

Firewalls and IDS/IPS

VMware

Generative AI

Prompt Engineering

Large language Models (LLM)

technique increasing detection rate by 75%.

- Made use of Prompt engineering to develop better algorithms.
- Used python to develop machine learning algorithms such as Decision Tree, Linear and Logistic Regression, Multivariate Regression, NLP(Natural Language processing), LLM(Large language Models),Naive Byes, Random Forest, Gradient Boosting, XG Boost, K-means , CNN, DNN, RNN, Auto encoder and KNN based on Unsupervised/Supervised model that helps in decision making using **Keras**, **Tensorflow** and **SKlearn.**
- Performed Data cleaning, features scaling and features engineering using **Pandas** and **Numpy** packages in python 2.x/3.x.
- Used python on different data transformation and validation techniques like dimensionality reduction using principal component analysis(PCA) and factor analysis.
- Performed model validation using test and validation sets via k-fold cross validation and statistical significance testing.

2021-06 - 2021-12

Product Designer, Contract

StudyInc, Toronto, ON

- Led the creation of user flow ,site map, wireframes,Hi-Fi design ,mockups, colour palette, logo ,web + native mobile designs using the design tool Figma.
- Analyzed user feedback to gather input and identify areas required for improvement.
- Performed Data Analysis, Task Analysis, Persona Hypothesis, A/B Testing and Experiment.
- Collaborated closely with product manager, developers, researchers and marketing team.

2020-09 - 2023-05

Teaching Assistant

University Of Guelph, Ontario, GUELPH, Ontario

- • Python Programming: Delivered a weekly tutorial class for 60 students to expand on

Html & CSS

OpenAI Playground

Google Dialog Flow

Docker & Kubernetes

Microsoft Agents

Palm2

Llama2

Tensorflow NLP

Voiceflow

Botpress

Make

Zapier

StackAI

Langchain

Dall-E

NodeJS

Microsoft Azure

Docker

Kubernetes

Agile and Devops

concepts related to lecture material

- Held office hours and problem solving sessions 12 hrs/week for 200+ students to go over OOP programming, data structures, algorithms, and functional programming.

2019-02 - 2020-08

Software Engineer

ATB Techsoft, Lagos, Nigeria.

- Worked with software development and testing team members to design and develop robust solutions to meet client requirements for functionality, scalability, and performance.
- Participated in architecture, design and implementation of back-end features using **C++**, **C#.Net, Nodejs** and **Python**.
- Coordinated with other engineers to evaluate and improve software and hardware interfaces.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Collaborated with fellow engineers to evaluate software and hardware interfaces.
- Developed robust, scalable, modular and API-centric infrastructures.

2018-05 - 2019-02

Software Engineer

Afrobazaar, Hyderabad, India

- Built the MVP(Minimum viable product) of the company using React and Python.
- Developed strategic Marketing and Business Development Plan.
- Acted as a liaison between the CEO and other departments.
- Reviewed project specifications and designed technology solutions that met or exceeded performance expectations.
- Coordinated with other engineers to evaluate and improve software and hardware interfaces.
- Made use of Machine learning models to predict users preferences.

• Education

Master of Science: Computer Science

University of Guelph - Guelph, ON

Bachelor of Technology: Computer Science And Engineeing

Jawaharlal Nehru Technological University - Kakinada, India

• Certifications

2021-03	The Complete python Bootcamp by Offered Dr by Angela Yu.
2022-02	Deep learning offered by Braintank
2023-06	Generative AI by Google
2023-08	Prompt Engineering by Freecodecamp
2023-11	Build AI Apps with ChatGPT, Dall-E and GPT4 by Tom Chant