FAIZAN ABBAS

# Passionate and aspiring Software Developer | Proficient in Python

E +92 312 1286125  [faizanabbas512@gmail.com](mailto:faizanabbas512@gmail.com)

q [linkedin.com/in/malikfaizanabbas](https://linkedin.com/in/malikfaizanabbas)  Pakistan

# SUMMARY

Passionate software developer with a strong foundation in Python, eager to use it for various technological solutions. Skilled in full stack development, machine learning, and deep learning. Effective team collaborator, consistently improving project performance and achieving excellence.

# PROJECTS

Job Categorization | Natural Language Processing 04/2024 - 07/2024

* Created an NLP-based machine learning model to categorize job postings
* Implemented stop words removal, n-grams, tokenization, and TF-IDF techniques
* Applied multiple algorithms(SVM, Random Forest) to enhance accuracy
* Focused on improving the model’s predictive performance
* Conducted thorough testing and validation of the model

Binary Classiﬁcation | Deep Learning Models 03/2024 - 04/2024

* Developed a binary classification model using deep learning techniques, particularly CNNs
* Incorporated data preprocessing and performance evaluation metrics
* Focused on accurate data classification and model optimization
* Tested different architectures to improve model accuracy
* Analyzed model performance to ensure reliability and robustness

## Finovate (Digital Wallet Clone) | Django & Dart 2023 - 2024

* Developed a financial application clone with Django backend and Dart (Flutter) frontend
* Implemented user authentication, transaction history, and notifications
* Excluded real money transfer and fund addition for safety
* Focused on creating a seamless user experience
* Collaborated with a team to integrate and test features

## FinA x (A liate Marketing Website) | Bootstrap & Flask 2023 - 2024

* Built a responsive affiliate marketing web application using Bootstrap and Flask
* Developed affiliate tracking and reporting for performance analysis
* Incorporated product reviews and purchase features
* Ensured mobile and desktop compatibility for a wide user base

Chatbot for FAQs 07/2024 - 08/2024

* Built an FAQ chatbot using NLP techniques and libraries like NLTK and SpaCy, capable of understanding and generating responses to frequently asked questions.
* Created and maintained a comprehensive FAQ database to ensure quick access and retrieval of relevant information for users
* Designed a user-friendly interface for seamless interaction, ensuring a smooth and intuitive user experience

# EDUCATION

Bachelors in Information Technology 2020 - 2024

Quaid-i-Azam University Islamabad, PAK

HSSC Pre-Engineering 2018 - 2020

Fauji Foundation College for Boys Newlalazar Rawalpindi, PAK

# INTERNSHIPS/EXPERIANCE

## Artiﬁcial Intelligence | CodeAlpha

I'm diving into the future of technology with an internship at Code Alpha, where I'm exploring the cutting-edge of

artificial intelligence

## Web Developer | IT Scout and Digital Smart Solutions

I’m a Web Developer with hands-on experience from my internship at IT

Scout and Digital Smart Solutions, where I honed my skills in crafting dynamic, user-focused web solutions

# SKILLS

## Tools

Python (Django and Flask) C== Java Machine Learning Deep Learning mySQL Flutter Web Development

## Operating Systems

Windows

# STRENGTHS

* Problem-Solving Skills Developed innovative solutions to complex problems, including machine learning models and responsive web applications

## Team Collaboration and Communication

Worked effectively with team members and clients to deliver

high-quality projects, demonstrating strong teamwork and

communication skills

## Analytical Skills

Applied advanced techniques in machine learning, deep learning, and NLP to create accurate and efficient models and applications

# REFERENCES

Dr. Adeel Anjum

Professor/Director at Quaid-i-Azam

University Islamabad

# Mr. Abdul Qudus Abbasi

Assistant Professor at Quaid-i-Azam

University Islamabad