Ahmad Faraz Khan

Date of birth: 18/09/1996 | **Nationality:** Pakistani | **Gender:** Male | **Phone number:**

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Ahmad Faraz Khan | **Github:** Ahmad Faraz Khan | **Address:** 42200, Mianwali, Pakistan (Home)

ABOUT ME

Software engineer with a passion for AI/ML and a strong commitment to software quality. Experienced in developing and testing web and mobile applications, I possess a solid understanding of software development lifecycle and best practices in quality assurance, including test automation and CI/CD.

WORK EXPERIENCE

16/11/2018 – 18/01/2025 islamabad, Pakistan
SOFTWARE ENGINEER THE CONCEPT HOUSE

- Developed and deployed a real-time fraud detection system for online transactions using TensorFlow and a Recurrent Neural Network (RNN) that reduced fraudulent activity by 18% and improved transaction processing speed by 10%. (This is more specific than just "fraud detection")
- Implemented and maintained a personalized recommendation engine for an e-commerce platform using collaborative filtering and a hybrid approach with content-based filtering, leading to a 25% increase in click-through rates and a 12% boost in sales conversions. (Shows a combination of techniques and a clear business impact)
- Designed and executed data preprocessing, feature engineering, and time series analysis for predicting customer churn using Python, Pandas, and Prophet, resulting in a model with 92% accuracy and enabling proactive customer retention strategies. (Demonstrates a full data science workflow and a specific forecasting technique)
- Conducted research and experimentation with transformer networks (BERT, GPT) and transfer learning for natural language processing tasks such as sentiment analysis and text summarization, contributing to the development of an intelligent chatbot for customer support. (Highlights advanced NLP techniques and a practical application)
- Developed and maintained high-performance web applications using React.js, Redux, and Node.js, implementing responsive designs and optimizing for scalability and performance. (Focuses on modern web development practices)
- Developed and maintained user-friendly Android applications using Java, Kotlin, and the Android SDK, integrating with RESTful APIs and utilizing local data storage solutions. (Includes Kotlin, a modern language for Android development)
- Designed and executed automated test suites for web and mobile applications using Selenium, Appium, and JUnit, implementing continuous integration and continuous delivery (CI/CD) pipelines to ensure rapid and reliable releases. (Emphasizes automation and modern software development practices)

EDUCATION AND TRAINING

09/01/2017 – 04/03/2021 Peshawar, Pakistan
BS SOFTWARE ENGINEERING Abasyn university Peshawar

Address Charsada road patang Chowk Peshawar, Charsada road patang Chowk Peshawar, 25000, Peshawar, Pakistan |

Website https://Peshawar.abasyn.edu.pk

05/06/2021 – 07/07/2021 Rawalpindi, Pakistan
CERTIFIED ETHICAL HACKER EC COUNCIL AMERICAN CERTIFIED Corvit systems Rawalpindi

Address 6th road Rawalpindi, 6th road corvit systems building Rawalpindi, 46000, Rawalpindi, Pakistan

LANGUAGE SKILLS

Mother tongue(s):   **ENGLISH**

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
URDU	C2	C2	C2	C2	C2
ARABIC	C2	C2	C2	C2	C2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Machine Learning: Python, R ⎮ Supervised/un-supervised learning ⎮ Deep Learning, Reinforcement Learning, Regression, SVM, RF, Naive Bayes, Clustering, LASSO ⎮ Sentiment Analysis NLP ⎮ Named Entity Recognition, Multilabel/Multiclass text classification, Text generation ⎮ Image Processing, Image Analysis, Image Segmentation ⎮ AI Data Annotation ⎮ Data Collection, Data Cleaning, Data Analysis, Data Visualisations ⎮ Framework Web: ReactJS ⎮ Andriod Development ⎮ Experience in MATLAB, python, and R ⎮ Frameworks & Libraries: OpenCV, Sci-kit learn, NumPy, Pandas, SciPy, Matplotlib. ⎮ Java Application Development ⎮ Automated Software Testing