



SHAHAN ALI

Computer Scientist

@ shahanali152239@gmail.com

+92-336-2324637

Karachi, Pakistan

shahan-ali

ShahanAli2239

TECH STACK

HTML CSS Javascript

Angular Node.js Python

Java Spring boot

Pandas Numpy SQL

MongoDB Beautiful Soup

Scikit-learn TensorFlow

PyTorch Matplotlib

seaborn

Jenkins Docker Vagrant

Git

LEARNING

AWS Kubernetes Terraform

Hadoop Apache Spark

GraphQL Featuretools

Tensorflow Serving H2O.ai

Grafana

TOOLS

IntelliJEA Visual code

Github Bitbucket Jira

PyCharm Jupyter Notebook

Anaconda

LANGUAGES

Urdu: Native

English: Fluent

ABOUT ME

Results-driven Full Stack Engineer with a strong background in data science and a passion for building scalable applications. Possessing a solid understanding of front-end and back-end technologies, I aim to combine my technical skills and data-driven insights to deliver impactful solutions that optimize performance and enhance user experiences. Committed to continuous learning and staying up-to-date with emerging technologies, I thrive in collaborative environments and excel at problem-solving and delivering high-quality code.

EXPERIENCE

Software Engineer | TimeXperts PVT Ltd

10 2019 – Current

Karachi, Pakistan

- Developed and maintained Java-based web applications using Java EE and Spring frameworks, ensuring high performance and scalability.
- Collaborated with cross-functional teams to gather requirements, design system architectures, and implement end-to-end solutions.
- Conducted unit testing and participated in code reviews to ensure high-quality code and identify potential issues.
- Conducted code reviews, identified and resolved software bugs, and implemented performance optimizations to enhance application efficiency and stability.
- Contributed to the entire software development lifecycle, including requirements analysis, design, implementation, testing, and deployment.

Full Stack Engineer (Contract) | CarVan


10 2020 – Current

Karachi, Pakistan

- Developed and maintained full-stack applications using Angular, Node.js, and Express, ensuring high performance, scalability, and user-friendly interfaces.
- Integrated data science models and algorithms into web applications, leveraging Python libraries such as Scikit-learn and TensorFlow for predictive analytics and insights generation.
- Designed and implemented RESTful APIs for efficient data retrieval and processing, optimizing application performance and responsiveness.
- Collaborated with data scientists and analysts to understand business requirements and translate them into technical solutions, contributing to developing data-driven strategies.
- Conducted code reviews, identified and resolved performance bottlenecks, and implemented best practices to ensure code quality and maintainability.

REFERENCES

Postdoctoral Researcher At
Universtiy Of Konstanz Mr.
Tafseer Ahmed Khan

 tafseer-ahmed-8231a22


Machine Learning Engineer
at Teltec Mr.Zain Ul Haq

 zain-ul-haq-31ba35196

 zainulhaq904@gmail.com

EDUCATION

Bachelor's In Computer Science | FAST - National University Of Com-
puter And Emerging Sciences


 08 2015 – 09 2019

 Karachi, Pakistan

- DataSciences
- Artificial Intelligence
- System Analysis Software Engineering
- Human Computer Interaction

Intermediate FSc | Dj Sindh Government Science College


 08 2013 – 05 2015

 Karachi, Pakistan

- Pre-Engineering


PROJECTS

PipelinePro : Automated Pipeline for build process |  | 



 03 2022 – 01 2023


- Design and implemented an end-to-end CI/CD pipeline for seamless software delivery.
- Automate build processes, conduct comprehensive testing, implement deployment strategies, and ensure continuous monitoring to achieve faster and error-free software releases.

AiDoc (Personal Doctor Assistant) |  | 

 08 2020 – Current

- Design and developed ETL Pipeine for Data Integration from Multiple Medical Sources to Predict the Disease on basis of symptoms
- Evaluate the trained models using appropriate evaluation metrics such as accuracy, precision, recall, and F1-score.
- identify important features, factors, or patterns that contribute to the medical disease(s) being analyzed. Extract actionable insights and draw conclusions from the analysis.
- Prepare a comprehensive report summarizing the project, the methodology used, analysis results, and recommendations for further actions or improvements.

Analyze Application Success On Google Play Store: |  | 

 08 2020 – 10 2020

- Cleanse and preprocess the collected data to ensure its quality and reliability. Handle missing values, outliers, and inconsistencies. Perform data transformations and normalization as needed.
- Identified the relevant features that might influence the success of an application which includes factors such as app category, ratings, reviews, size, and pricing.
- Performed exploratory data analysis to gain insights into the relationships between the features and the success metrics.
- Evaluate the trained models using appropriate evaluation metrics such as accuracy, precision, recall, and F1-score.
- Prepare a comprehensive report summarizing the project, the methodology used, analysis results, and recommendations for further actions or improvements.