MUHAMMAD USAMA

Abbottabad 0304-3655229

work.muhammadusama@gmail.com · **www.linkedin.com/in/muhammad-usama-0307aa1ba**

Experienced programmer dedicated to navigating the ever-changing landscape of technology. Passionate about merging creativity with pragmatism to transform ideas into tangible solutions

EDUCATION

2021-PRESENT

BS COMPUTER SCIENCE, COMSATS UNIVERSITY ISLAMABAD, ABBOTTABAD

- 7th-Semester
- Final Year Project - "Web Application with Machine Learning & Ai". React js , Node Js , Bootstrap , Python TensorFlow.

2020

INTERMEDIATE IN COMPUTER SCIENCE,Punjab PGC , BISE Dg Khan (1st Position)

EXPERIENCE

2021-present

Software Engineer, Lean Automation PVT, LTD

- Coded business logic and database logic using Mern Stack and Oracle apex. used data analysis tools and python to make reports and charts
- Created RESTFUL services using Web API, built HTTP services and formatted responses using web API media type formatter to JSON.
- Responsible for implementing the token-based Authorization to the service endpoint.

2022 – 2023

Data Analysis Lead, GDSC

- Spearheaded data analysis efforts at GDSC, focusing on leveraging insights for strategic decision-making and process optimization.
- Collaborated with cross-functional teams to define analytical requirements, design data collection processes, and interpret results.
- Communicated findings and recommendations to stakeholders through clear and concise reports, presentations, and data visualization

PROJECTS

1.) FalconX , a business website

- Developed using html , css , bootstrap , reactJs , nodejs and expressJs

2.) Cement Plant System Design, Iran

- Developed the business logic and database logic for the Cement Plant In Iran using React, Oracle Apex, and NodeJs.
- Created RESTful services using Web API, enabling seamless communication between the frontend and backend components. Formatted responses to JSON using web API media type formatter.
- Implemented token-based authorization to secure service endpoints and ensure authorized access.

3.) **Gul Gohar Oil and Gas Power Plant** ,Iran

- Developed the Front end UI and database logic for the Oil and gas power plant In Iran using React, Oracle Apex, and NodeJs.
- Created RESTful services using Web API, enabling seamless communication between the frontend and backend components. Formatted responses to JSON using web API media type formatter.
- Implemented token-based authorization to secure service endpoints and ensure authorized access.

4.) **Recognition and classification Models,** Machine Learning

- Developed Many Neural Network Models using Python , TensorFlow , Keras.
- Used different libraries like numpy , pandas , matplotlib and scikit-learn.

SKILLS

- XHTML5, CSS , Bootstrap , ReactJs and NodeJs
- Python , TensorFlow and Keras
- Numpy , Pandas , scikit-learn and matplotlib
- Api Integration, Restful Web API's
- Data Analysis & Business Intelligence Tools,
- SQL , MongoDb, MSSQL, MySQL Server and Oracle9i/10g/11g,

CERTIFICATIONS

- Google Data Analysis Professional certificate - **Google**
- 100 days of code (python)- **Udemy**
- 100 days of code (Web development) - **Udemy**
- Data Science Foundations - **IBM**
- Advance Business Intelligence -**Google**
- power Bi -**Coursera**

LANGUAGES

- English, Urdu, Punjabi

REFERENCES

- Mr. Junaid Shujah, Senior Lecturer , Universiti Teknologi PETRONAS. (junaid.shujah@outlook.com)

- Dr. Zia ur Rahman Senior professor at COMSATS, (ziarehman@cuiatd.edu.pk)
- Mam. Ayesha, Doo, COMSATS. (+92 332 8919339)