

Anus Abdullah

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Education

Fast National University of Computer and Emerging Sciences
BSCS

Faisalabad, Pakistan
2020-2024

Experiences

Cheetah Mind AI — Development team lead

Nov 2023, Feb 2024

New York, USA - Remote

- Developed AI chatbots for Customer Support Services and Lead generation for E-commerce, Airbnb, and Real Estate businesses.
- Conducted market research and devised social media marketing strategies, resulting in a 20% increase in leads.
- Implemented lead generation techniques using Apollo.io, Lead Swift, and Hunter.ai. Setup and launched lead campaigns using Instantly.ai.
- Managed social media accounts, achieving a 30% increase in organic reach. Created ad scripts and sales funnels to enhance marketing efforts.
- Optimized Fiverr accounts and gigs based on market trends through thorough market research.

Oasis Infobyte — Data Science Intern.

Feb 2024, Mar 2024

India - Remote

Fast - NUCES — Teaching Assistant

Jan 2023, Jan 2024

Faisalabad, Pakistan

- Teaching Assistant for Database (SQL).
- Teaching Assistant for Design and Analysis of Algorithms.
- Teaching Assistant for Object Oriented Programming.
- Create and Evaluate Assignments, Projects and took Vivas.

Freelance — Website Designing

Jun 2022

Online

- Design Seamless prototypes of News websites using Figma.
- Design wireframes and mockups.

Projects

J.A.R.V.I.S - URDU (FYP) / *python, librosa, NumPy, pandas, scikitlearn, matplotlib*

[link](#) Jun 2023, Present

- A desktop-based voice assistant project called "Jarvis" that aims to understand spoken commands in Urdu and control various functions on a computer.
- Utilized Agile SDLC methodology for project management.
- Designed a pre-defined task list with corresponding data sentences. Collected custom data from diverse age groups for training purposes.
- Created a feature extraction pipeline and generated a .csv file for further processing.
- Conducted data preprocessing, including feature-label separation, label encoding, and data scaling.
- Implemented various feature selection methods, such as PCA, RFECV, Fisher Score, and correlation analysis.
- Evaluated multiple machine learning models and selected Support Vector Machine (SVM) based on accuracy.
- Developed the frontend using Electron.js, HTML, and CSS for seamless integration with Python.
- Currently working on implementing MLOps pipelines for feature extraction, data preprocessing, feature selection, and model training.

- Analyzed Imtiaz Mall's data to understand declining sales and customer retention using advanced clustering techniques like K-Means, DBSCAN, and K-Means++.
- Led data cleaning efforts using Pandas in Python, addressing missing or hidden values, and ensuring uniform treatment for enhanced accuracy.
- Utilized data visualization methods such as histograms, kernel density plots, and box plots to explore data distribution and make informed decisions on handling unknown values.
- Implemented transformations including Average Spending Per Purchase, Purchase Frequency Per Month, Brand Affinity Score, and Product Category Preferences, alongside Age Bins segmentation.
- Derived insights on product preferences, highlighting trends across different age groups.
- Conducted Univariate, Bivariate, and Temporal Analysis to uncover patterns and relationships within the data.
- Applied clustering algorithms like k-means, K-means++, and DBSCAN, encountering challenges in identifying meaningful clusters.

Store Management WebApp / *React, Node/Express.js, HTML/CSS, material, MySQL, Redux toolkit*[link](#) Jun 2023, Present

- Developed a Tyre store management system based on requirements gathered from the store.
- Utilized the Agile SDLC model for project management.
- Developed the frontend, an admin dashboard, using React.js and Material UI, incorporating user feedback for iterative improvements.
- Implemented backend functionalities using Node.js/Express.js and REST API, with MySQL as the database.
- Successfully completed modules for stock maintenance and sales, with ongoing work on the purchase module.

Airline Reservation WebApp / *HTML/CSS, JavaScript, ejs, MySQL, Bootstrap*[link](#) Nov 2022, Dec 2022

- Developed a web application allowing users to view available airlines and book tickets.
- Utilized HTML/CSS, JavaScript with EJS template engine, and Bootstrap for frontend development.
- Employed Node.js/Express.js for backend implementation.
- Implemented MySQL for database management.

Expense Tracker WebApp / *HTML/CSS, JavaScript, ejs, MySQL, Bootstrap*[link](#) Apr 2022, Jun 2022

- An Expense tracker webapp that is used to manage expenses of users.
- I used HTML/CSS, JavaScript with ejs template engine and bootstrap.
- Used Node/Express for backend and MySQL for database.

I have done many more projects click the GitHub link and feel free to check them.

[link](#)

Achievement

Named in Dean's List

Data Analyst with Python (Ongoing) - DataCamp

Data Analyst with SQL(Ongoing) – DataCamp

Introduction to Tableau - DataCamp

Supervised Machine Learning: Regression and Classification - Coursera

Machine Learning A-Z: AI, Python & R + ChatGPT Prize [2024] - Udemy

Technical Skills

languages: C/C++/C#, JavaScript, Python, SQL (MySQL, Postgres, Sequelize), HTML/CSS

Frameworks: React, Node/Express, WordPress

Developer Tools: Git, VS Code, Visual Studio, PyCharm, Anaconda, Jupyter Notebook, Postman, Voice Flow, Slack

Libraries: Bootstrap/Tailwind, Pandas, NumPy, Matplotlib, Seaborn, Scikitlearn, Librosa.