ANAS KHAN

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SKILLS

Back End Development : Python • Express • NodeJS • Java • Spring
Front End Development : ReactJS • Redux • NextJS • Bootstrap • HTML • TailwindCSS
AI/ML : Python • Numpy • Pandas • Matplotlib • ScikitLearn • Tensorflow • Pytorch
Miscellaneous : Google Firebase • PostgreSQL • MongoDB • React Native • AWS

EDUCATION

Bachelor's of Technology in Artificial Intelligence & Data Science
Relevant Courses: OOP(Python, Java), C++, Web Development(Javascript), Mathematics, Statistics, Data Structures and Algorithms, Python: Data Analytics , Machine Learning, Natural Language Processing, Deep Learning, Big Data Analytics.

EXPERIENCE

Dectree Infotech Pvt. Ltd   - Full Stack Developer
- Collaborated on projects like Scrap Portal, USPayments, EdisonHealthcare in complete end to end web application development.
- Contributed to the design, Build and testing of software components.
- Lead a team of 3 developers for design, implementation, unit testing and automation of the app.
- Working closely with cross functional teams and understanding project lifecycle management

AICTE NEAT - Project Intern
- Leveraged Python and scikit-learn to implement machine learning algorithms, achieving an accuracy improvement of 20% in customer churn.
- Spearheaded a predictive modeling project to optimize inventory management, reducing excess stock by 15% and improving turnover rates.
- Defined and refined problem statements for various projects, aligning them with business goals to ensure actionable insights.

PROJECTS

Foundry- A networking platform accelerating entrepreneurs to hire a founding team   *ReactJS, NextJS, Vercel, Firebase*
- Building and deploying a web application Saas using Next.js
- Tailwind css, firebase, mongodb, for various services like authentication, event handling, etc.
- The objective of this platform is to connect individuals with ideas and helping them build companies by finding like minded people to hop on as a founding team.

NLP, Sentiment Analysis for Restaurant Reviews   *Python; Numpy, Pandas, ScikitLearn, NLTK, Seaborn, Matplotlib*
- Preprocessed the text data by removing special characters, tokenizing the text, and eliminating common Stopwords to prepare it for analysis.
- Employed Sentiment lexicons and Implemented Naive Bayes Algorithm to distinguish between positive and negative reviews to identify, 75% were positive and 25% were negative.
- Confusion Matrix for evaluating the performance of the classification algorithm and proceed to predictive analysis on foreign data.

Spam SMS Classification   *Python; Numpy, Pandas, ScikitLearn,NLTK*
- Cleaned the dataset and created the Bag of Words model to enforce TF-IDF for word relevancy and significance.
- Experimented with Multinomial NB, Random Forest Algorithm, Voting Algorithm and Decision Tree, for classification and regression tasks.
- Random Forest Algorithm was selected as it outperformed others with an F1 score of 0.994.

House Price Prediction   *Java,SQLite, Python; Tkinter*
- Cleaned the dataset and used Data Visualisation libraries to gain clarity over data to extract viable statistics.
- Convert Genre into Target variables using MultiLabelBinarizer and split the data into train and test set and create features using TfidfVectorizer.

COURSES

Harvard CS50: https://cs50.harvard.edu/certificates/4bb86deb-34ce-4da1-b4c9-7100e199cadb
Microsoft Certified Azure AI Fundamentals: https://www.credly.com/badges/074c1d11-fabd-4c0b-9ebb-c1fc8a962395/linked_in_profile
HackerRank Python: https://www.hackerrank.com/certificates/iframe/1c6231e705ce
Machinelearning.ai: https://certificate.givemycertificate.com/c/267a0de3-8c4b-41ad-8387-2af549697a48