

JAGADEESH D

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SUMMARY

Recent graduate with a degree in Data Science, Proficient in Python, Statistical analysis, Data Preprocessing, Machine learning algorithms, Full-stack development and Hands-on experience with AWS services. Excellent analytical, problem-solving skills and adapting to new technologies. Eager to contribute to a innovative projects and collaborate in a dynamic team environment.

EDUCATION

Master of Science In data science and business analytics

Vels Institute of Science, technology & Advanced Studies

Sep/2022 - May/2024

Chennai

Bachelor of Computer Application

S.I.V.E.T College

Aug/2019 - July/2022

Chennai

SKILLS

Technical Skills: Python, Java, JavaScript, MYSQL, Django, React, HTML, CSS, Bootstrap, RESTFull APIs Development, AWS (EC2 instance, S3, RDS), Machine Learning Framework (Tensorflow, Keras, scikit-learn), Power Bi.

Data Analytical Skills: Statistical Analysis, Data Preprocessing, Data Visualization, Data Transformation, ML Model Development Feature Engineering, Hypothesis Testing, and also familiar with python libraries for Data analysis and visualization such as Numpy, Pandas, MatPlot, Seaborn.

Development Tools: Google Colab, VS Code, GitHub.

INTERNSHIP

Machine Learning Intern | Cluster Wings technologies | Chennai

Jan/2024 - Mar/2024

- Designed, developed, and fine-tuned machine learning models to solve specific business problems such as classifying images, Text Preprocessing, object detection.
- Conducted extensive Statistical Analysis, data preprocessing and feature engineering, ensuring the data was suitable for model training and also performed Exploratory Data Analysis to visualize patterns and trends in a dataset.
- Utilized tools and libraries such as Python, TensorFlow, Keras, scikit-learn, pandas, NumPy, OpenCV, Matplot, and Seaborn for model development and data analysis.

Python Intern | Shiash Info Solutions | Chennai

Aug/2022 - Oct/2022

- Designed and implemented RESTful APIs using Django to support web and mobile applications. And performed CRUD operations, and optimized queries using SQLite Database.
- Created responsive and dynamic web interfaces using HTML, CSS, JavaScript, and front-end frameworks like React. Managed codebase using GitHub and Deployed web applications to cloud platforms such as AWS.
- Utilized tools and ibraries such as Python, Django, HTML, CSS, React, RESTFull APIs and AWS service like EC2, S3, RDS.

PROJECTS

Chatbot

Nov/2023

- Developed a Retrieval based Chatbot capable of understanding and responding to the user queries using Technologies like Python, Google Colab, NLP, Tensorflow, Keras, Django, HTML, CSS, JavaScript, AWS services like EC2 instance.
- Finally Integrated the Chatbot model with the Django application to provide real-time response and Deployed Django application on AWS EC2 instance using Nginx and Gunicorn web servers.

Optical Character Recognition (OCR)

Apr/2024

- Developed OCR system capable of accurately extracting text from a given images using Technologies like Python, Google Colab, Tensorflow, keras, OpenCV, Django, HTML, CSS, JavaScript, AWS services like EC2 instance, S3, RDS.
- Integrated the OCR model with Django Framework to provide real-time responses. And deployed Django application on AWS EC2 instance Using Nginx and Gunicorn servers and Utilized AWS S3 and RDS services to store the image data and preprocess the data with securely and efficiently.