JAGADEESH D

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Summary

Recent graduate with hands-on experience in data science, machine learning, python and statistical analysis. I am passionate about leveraging data and technology to solve real world problems. Seeking an Entry-level opportunities to apply my skills in data analysis, data scientist and software developer to contribute to impactful projects.

Education

Master of science in data science and business analytics   *2022-2024*
Vels institute of science technology & advanced studies   *Chennai*

Bachelor of computer application   *2019-2022*
S.I.V.E.T College   *Chennai*

Technical Skills

Programming Language: Python, Java, SQL.
Web Development: HTML, CSS, JavaScript, Django, React, RESTFul API.
Data analysis & Visualization: Pandas, Numpy, Matplotlib, Seaborn, Power Bi
Machine Learning: Scikit-learn, Tensorflow, Keras.
Cloud computing: Aws (EC2 instance, S3, RDS).
Version control: Github.

Internship

Machine Learning Intern | Cluster Wings technologies | Chennai   *Jan/2024 - Mar/2024*
- Developed and fine-tuned machine learning models and solved real-world problems like object detection.
- Conducted data preprocessing, feature engineering, and exploratory data analysis for enhance model performance.
- Collaborated with cross-functional teams to integrate ML models into existing systems.
- Utilized python and libraries such as tensorflow, keras, scikit-learn, and pandas, numpy, matplotlib, seaborn.

Python Intern | Shiash Info Solutions | Chennai   *Aug/2022 - Oct/2022*
- Developed and maintained full-stack web applications using python, django and javascript frameworks.
- Designed and implemented RESTful APIs to seamless communication between the front-end and backend.
- Worked on both front-end for HTML, CSS, JavaScript, Reactjs and backend for python, django to deliver robust Applications.
- Assisted in the deployment and monitoring of applications on cloud platform such as AWS.

Projects

Real-time Chat Application   *Nov/2023*
- Developed a real time chat application system using React for the front-end and Django for the back-end.
- Implemented features such as user authentication system like JWT, one-to-one messaging, and chat rooms.
- Integrated Websocket for real-time communication, ensuring instant message delivery and enhancing user exp.
- Achieved a seamless user experience with responsive design and host the application on AWS using webservers.

Optical Character Recognition   *Apr/2024*
- Developed a deep learning model for image recognition using tensorflow and keras. Trained a convolutional neural network on a dataset of 40,000 images of various objects.
- Achieved an accuracy of 85% by implementing data augmentation, dropout, and hyperparameter tuning. And implanted object extraction from a given image in real-time using OpenCV.
- Deployed the mode using Django for backend and HTML, CSS, JavaScript for frontend, enabling real time predictions and also implemented some features like file uploading, voice assistance, CRUD operation.