**JAGADEESH D**

**Chennai | 8124728484 |** [**iamjagadeesh.d@gmail.com**](mailto:iamjagadeesh.d@gmail.com) **|** [**https://jagadeesh-dj.github.io/react-portfolio/**](https://jagadeesh-dj.github.io/react-portfolio/)

**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.