SHREYASH RAHINJ

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EDUCATION

Vishwakarma Institute Of Information Technology,   Pune, MH
Bachelor of Technology in Artificial Intelligence and Data Science,   2021-2025(Expected)
- CGPA : 9.82

Vidyamandir Prashala,   Rahuri, MH
12th State Board,   2021
- Secured 92% (Physics,Chemistry,Maths)

TECHNICAL SKILLS

Languages:
- **Experienced:** Java, Python, Dart, SQL
- **Intemediate:** JavaScript, C++

FrameWorks:
- **ML:** Tensorflow, Keras, Sklearn
- **Mobile App Development:** Flutter, Android Studio(Java)
- **Backend:** Django, NodeJs

Databases: MySQL, Postgresql, MongoDB
Fundamentals: Data Structures, Algorithms, DBMS, Operating Systems, Computer Networking

EXPERIENCE

Software Developer Intern | *RightVibe LLP*   Sept 2023 - Jan 2024
- Developed an Android (Flutter) Application for IELTS Aspiring Students to help in the exam preparation.
- Optimized the background activity by 50% required for continuous server calls.
- Integrated the Google Play Payment Gateway and Backend Server for storing the Purchases Data of users.
- Collaborated with Mentors for testing, debugging and releasing the app on Google Play Store. (Try it here)

CERTIFICATIONS

- Tools For Data Science (**IBM**).
- Cloud Infrastructure 2023 Certified Foundations Associate (**Oracle**).

PROJECTS

Image Caption Generator | *TensorFlow, Keras, OpenCV, CNN, NLP, LSTM*   Jan 2024 - Apr 2024
- Used Flickr image dataset with multiple captions.
- Used VGG16 model to extract image features and keras to convert caption text to pad sequences.
- Developed a neural network consisting of 2 input layers and 1 ouput layer.
- Evaluation of model using BLEU metrics, generated a score of 55% for Unigram and 32% for Bigram.

Brain Tumor Classification | *TensorFlow, Keras, OpenCV, Conv2d, OOPs*   Jan 2024 - Apr 2024
- Imported image data to predict 3 different tumor or no tumor class.
- Used CNN to develop a model consisting of 5 Hidden Layers and 44 Million+ training params.
- Evaluation of model generated a accuracy score of 90%.

CICD Pipeline for Study Rooms Application | *Django, Docker, AWS, Jenkins, SQLite*   Oct 2023 - Dec 2023
- Created Django server and SQLite Database to authenticate users for creation of study rooms for interaction.
- Containerized the Django Application using Docker.
- Deployed the application on AWS EC2 for scalability and efficient performance.
- Automated the process of CI/CD using Jenkins to make changes visible to user within 10-15 seconds.