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Aadarsh Lalchandani

AI Engineer

Portfolio: Aadarsh Lalchandani
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Looking for a Data Scientist position in an AI space. I have 1.5 years of Experience in Python, NLP, Deep Learning, and implementing ML Algorithms with real-time projects. I'm proficient in a range of modern technologies such as SQL, Power BI, Machine Learning, Web Scraping, Data Acquisition, Cleaning, Modeling, Visualization, and Model Deployment. Relevant soft skills include communication, self learning, problem solving, and creative thinking.

SKILLS

Languages	Python, Java, SQL, GoLang, C
Tools and Frameworks	Tensorflow, MS Excel, Power BI, DBeaver
Developer Tools	VS Code, Goland, IntelliJ Idea Ultimate, PyCharm, MS SQL Server, MySQL Workbench
Mathematics	Linear Algebra, Probability, Statistics

PROJECTS

Speech To Text ChatBot

- Trained a Multi Layer Perceptron to classify the input class through Transfer Learning.
- Made own Dataset to train the required model.
- The model accuracy turned out to be 91%.
- Added a feature in which user speaks and the bot would return relevant pieces of text.

Text Recommendation Engine

- Applied Transfer Learning on NLP Algorithms like Word2Vec, USE, and BERT.
- Implemented an Ensemble approach to achieve a more generalized model.
- Model accuracy turned out to be 93%.

House Price Predictor

- Tuned the Hyperparameters of a Linear Regression Model.
- User would input Location, Number of Bedrooms, Number of Bathrooms, Total Area of the house.
- Model Accuracy turned out to be more than 85%.
- Evaluated the model using MSE score.

TECHNICAL EXPERIENCE

AI Engineer

Higheredd

09 2021 — Present

Ludhiana, Punjab

- Designed and implemented a Recommendation System to enhance the product quality.
- Collected and analysed various kinds of Text Data and performed EDA.
- Performed Transfer Learning on NLP Algorithms.
- Increased the growth company's growth probability by 70% by providing suggestions in the Product's UI and UX.

Software Engineer Intern

Motadata

09 2021 — 03 2022

Ahmedabad, India

- Replicated the Network Monitoring System Product of the Tech Firm.
- Withstood the concepts of programming like Data Structures and Algorithms, Socket Programming, Basic Networking, and OS Concepts.
- Implemented the NMS replication in Java, Golang and C.

Projects Instructor

College Finder

07 2021 — 09 2021

Jamshedpur, Jharkhand

- Designed the projects Curriculum for the Data Science Course in the EdTech Venture.
- Trained and Implemented Python Projects with international students.
- Students whom I trained landed in big Tech MNCs after completing the course successfully.

EDUCATION

Bachelor of Electronics and Communications Engineering, Shree Swaminarayan Institute of Technology

06 2022

Higher Secondary Education in Science, St. Xavier's High School, Hansol

03 2018

Matriculation, St. Xavier's High School, Hansol

04 2016