Rushikesh Chopade

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Education

G H Raisoni College of Engineering and Management, Pune **Dec 2021 – May 2025(*Pursuing*)**
BTech. in Artificial Intelligence *Pune, India*

Technical Skills

Domain: Data Engineering, Web Scraping, Machine Learning, Python Development, Native Apps development.
Languages: Python, Kotlin, Java, SQL.
Technologies/Frameworks: Flask, Beautiful-Soup, Pandas, Numpy, spacy, Scikit-learn, Jetpack Compose, Rest APIs.
Developer Tools: VS Code, MS Excel, Linux, Git Github, Android Studio, Firebase.
Cloud: Google Cloud Platform.
Coursework: Data Science, NLP, Machine Learning, Big Data, Data Structures and Algorithm, GenAI.

Experience

Data Engineer Intern **August 2023 – September 2023**
CodeClause *Pune, India(Remote)*

- Developed and implemented machine learning algorithms for taxi fare prediction, focusing on enhancing accuracy and reliability.
- Conducted comprehensive data preprocessing to clean and prepare raw taxi ride data for analysis, ensuring high-quality input for model training.
- Successfully leveraged machine learning models to achieve precise fare estimation, contributing to improved operational efficiency and customer satisfaction in the transportation domain.

Artificial Intelligence, Intern **June 2023 – August 2023**
Yhills Edutech *Noida, India(Remote)*

- Developed and implemented machine learning models for various applications, including house price prediction and H1N1 vaccine demand forecasting, as an intern at Y Hills.
- Conducted thorough data preprocessing and feature engineering to enhance model performance, incorporating factors such as property attributes, demographic data, and geographic location for accurate predictions.

Projects

"*Prakriti*": Disease Predictor from Symptoms | *Web Scrapping, ML Kotlin Jetpack Compose, click here* **May 2023**

- Developed Kotlin Jetpack Compose, retrofit that predicts diseases based on user-entered symptoms.
- Developed a Flask API via implementing a decision tree classifier trained on symptom data(collected through web scrapping from NHP India) to accurately identify potential diseases.
- The app asks users simple yes or no questions about their symptoms, uses a machine learning model to predict diseases, and suggests consulting a doctor for serious cases.
- Additionally, the app gives practical advice on how to stay healthy based on the predicted illness, empowering users to take proactive steps in managing their health.

"*RoomRevise*": Furniture Recommender App | *Kotlin, Android Studio* **January 2024**

- Created a furniture recommender mobile app with Jetpack Compose UI toolkit, enabling users to capture or upload room pictures.
- Integrated Google Gemini Pro API for room image analysis, providing personalized furniture recommendations to facilitate interior design decisions.

Document Topic Modelling | *Python, NLP* **November 2023**

- Created a command-line utility in Python using NLTK, Scikit-learn, and Gensim for document topic modeling based on the LDA (Latent Dirichlet Allocation) model.
- Facilitated text classification into predefined topics in the domains of Machine Learning and NLP.

Leadership / Extracurricular

Technical Team Lead **October 2023 – Present**
Eureka Innovation and Incubation Club.(Actively participated in multiple hackathons& competition) *GHRCEM, Pune.*

- Ranked in the top 100 in the ISRO Space India Hackathon.).
- Attained in top 10 position in the AIT Innerve 8 Hackathon
- Achieved the highest score in the internal hackathon round of SIH 2023.
- Secured victory in a college-level IoT competition.