

JIGAR

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Education

J.C. Bose University of Science & Technology, YMCA

2020 – 2024

B.Tech Computer Engineering with Data Science, CGPA:8.181/10

Faridabad, Haryana

Experience

Elektrobit India Private Ltd.

Feb 2024 – Present

Internship

Bengaluru, Karnataka

- **Developed a custom app store** for vehicles using **Android** and **AOSP techniques**, focusing on creating an intuitive, seamless in-car user experience. Integrated multiple applications with a **user-friendly interface**, ensuring smooth interaction and **compatibility** across various vehicle systems.
- **Designed and implemented** the **MVVM architecture**, enhancing **scalability** and **maintainability** of the codebase. Streamlined development, reduced code complexity, and enabled faster iteration on features, ensuring efficient separation of concerns for easier future updates.
- **Utilized Android services** and **broadcast receivers** to enhance app functionality and resource management. Improved **background task handling**, contributing to reliable performance and efficient operation across various vehicle hardware.

Projects

NewsApp | Android, Kotlin

Apr 2024 – May 2024

- **Designed and developed** a **dynamic news application** on Android, integrating **APIs** to seamlessly fetch and display **categorized news headlines** (National, International) in a user-friendly **RecyclerView**. The application employs a robust **fragment-based architecture**, ensuring modularity and a smooth user experience.
- Introduced **scalable features**, including a **personalized user profile section**, while maintaining a focus on clean **UI/UX design**, efficient **API integration**, and modular app development. The application demonstrates a commitment to building intuitive and adaptable solutions tailored to user needs

Fake News Detection Model | Machine Learning, Pandas, NLTK

July 2023 – Aug 2023

- **Built** a Fake News Detection Model using **Decision Tree Classifier**. Preprocessed text data with stopword removal and Punctuation cleaning.
- **Utilized Tf-Idf Vectorizer** for the **feature Extraction**. Split data for training and testing for strong accuracy.

Movie Recommendation System | Machine Learning, Pandas, Scikit-learn, Tf-Idf Vectorizer

July 2022 – Aug 2022

- **Designed** a personalized movie recommendation system using content-based filtering.
- Utilized **TF-IDF vectorization** and **cosine similarity** to analyze and compare movie features such as genres, keywords, and cast.

Technical Skills

Languages: Java, Kotlin, C++, Python, SQL

Developer Tools: Git, GitHub Desktop, Android Studio, Figma, VS Code, Visual Studio, Jupyter Notebook

Technologies/Framework: Android, Numpy, Pandas, Matplotlib

Computer Fundamentals: Machine Learning, Data Structures, Algorithms, Computer Networks, OOPS, DBMS, OS

Achievements / Soft Skills

- Solved **500+ Questions** on Codeforces, Leetcode, Codechef and others.
- **Content Writing** Head of Vivekanand Manch Society in college.
- 1st place District Level Science Quiz Competition.