

SANDRA SKARIA

Kochi, Ernakulam | P: +91 8590719540 | sandra10skaria@gmail.com
LinkedIn: </in/sandraskaria> | GitHub: [@ssandra102](#)

EDUCATION

MUTHOOT INSTITUTE OF TECHNOLOGY AND SCIENCE

Bachelor of Technology

Major in Computer Science; Specializing in Artificial Intelligence

Cumulative GPA: 8.3/10.0

Relevant Coursework: Machine Learning; Artificial Intelligence; Deep Learning

Kochi, Kerala

June 2024

UNIVERSITY PROJECTS

Wheelchair Control using Brain Activity

Main Project

April 2024

- Received **Best Paper Award** at NIT Calicut ReCon-GT24 paper presentation.
- Developed a single channel electrode system for wheelchair control using Brain waves.
- Examined the effect of different classical and deep learning models, on intent decoding.
- Designed the BCI system with an accuracy of 77% and precision of 80%.

CAR PRICE PREDICTION

Data Science

Aug 2023

- Built a HTTPS flask web app, and implemented Elastic-Net Regression model.
- Managed the machine learning lifecycle using MLFlow, and hosted on DagsHub.
- Automated the development and deployed to MS Azure using CI/CD pipelines with GitHub Actions.

FINTRACK

Mini Project

Jun 2023

- Developed an Android app with Java SDK, integrated with Firebase Storage and Realtime Database.
- Streamlined the model with an Flask API for OCR-based receipt image processing and multi-text product classification with SVM model.
- Designed with a seamless UI, the app displays user's monthly spending details.

INTERNSHIP

CMS DASHBOARD

May 2023

Internship

- Collaborated with a team of 4 to build a multi page ReactJs admin-dashboard.
- Embedded with real-time sensor data monitoring and visualization, enhancing security measures.
- Hosted the dashboard on AWS, with a MongoDB database.

ACHIEVEMENTS

PLACEMENT COORDINATOR

2020 – 2024

- Implemented a streamlined system for student data collection, ensuring accuracy and consistency in records.
- Facilitated communication between the department, students, and placement cell to ensure a smooth placement process.

TINKERHUB - TECH LEAD

May 2022 - April 2023

- Led a team of 100 members within TinkerHub, a student organization dedicated to fostering technical skills, networking, and career growth.
- Delivered technical training sessions enhancing members' technical proficiency.

ADDITIONAL

Skills: Machine Learning, Deep Learning, Natural Language Processing

Programming Languages: Python, Java, SQL

Tools and Libraries: Git/GitHub, Scikit-learn, NumPy, Pandas, Docker, Azure

Web Development: HTML5/CSS, ReactJs, Android Applications, Flask, Streamlit, MongoDB

Languages: Fluent in English, Malayalam; Conversational Proficiency in Hindi

Certifications: Neural Networks and Deep Learning offered by **DeepLearning.ai**