

SAJITHA J

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SUMMARY

I am Passionate Data Analyst with expertise in machine learning, Python, SQL, and data visualization. I specialize in transforming raw data into actionable insights to solve complex business problems with experience in implementing predictive models to optimize processes and drive decision-making. I am passionate about leveraging my skills in real-world projects to create impactful solutions.

EDUCATION

Python-Data Science <i>Luminar Technolab, Kochi, Kerala</i>	<i>May 2024– Dec 2024</i>
Bachelor Of Computer Application <i>College Of Applied Science, Mavelikara</i>	<i>Aug 2021– April 2024</i>

EXPERIENCE

Data Science Intern , Luminar Technolab, Kochi	May 2024 – Present
<ul style="list-style-type: none">Assisted in the development and deployment of machine learning models to address business challenges and optimize processes, leveraging data-driven solutions.Performed data preprocessing, cleaning, and feature engineering to prepare high-quality datasets for model training, ensuring data integrity and model performance.Developed and optimized a machine learning model to predict hotel reservation status, improving model accuracy by 95 percentage through hyperparameter tuning and advanced feature engineering techniques.	

PROJECTS

Hotel Reservation Prediction

- Developed and deployed a hotel reservation prediction model using Random Forest and SVC. Implemented the model in a web interface using Streamlit, allowing users to make real-time predictions
- Employed Python libraries such as Pandas, NumPy, and Scikit-learn for data preprocessing and analysis.
- Skills:** Pandas, TensorFlow, Scikit-learn, Streamlit, Matplotlib, Pickle, NumPy

Dessert Vs Forest

- App using Convolutional Neural Network(CNN) predict if it is forest or dessert by analysing its images
- Preprocessed image datasets using Skimage and optimized model performance with hyperparameter tuning.
- Tools Used:** Keras, Streamlit, Pandas, Skimage

TECHNICAL SKILLS

Languages: Python, MySQL, HTML/CSS, Bootstrap, Java, C, C++

Machine Learning: Skicit-learn, TensorFlow, Keras, OpenCV

Visualization: Power Bi, Matplotlib, Seaborn

Tools: Google colab, VS Code, PyCharm

ACHIEVEMENTS

- Completed **ASAP Certification**, focusing on career orientation and job readiness.
- Successfully completed a **Python for Data Science Certification**, demonstrating proficiency in using Python for data analysis, data wrangling, and visualization.
- Successfully completed a **SQL and Relational Databases 101 Certification**, demonstrating proficiency in SQL for querying, updating, and managing relational databases.