

# Jeswin Sam

Calicut, Kerala | jeswinsam3012@gmail.com | +91 7907882327  
linkedin.jeswin-sam | github.com/jeswin

## Summary

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Data Science professional with hands-on experience in machine learning, NLP, statistical modeling, and Python-based data analysis. Skilled in building end-to-end data pipelines, performing advanced EDA, optimizing data processes, and developing predictive models. Strong foundation in finance and client-facing roles, offering the ability to translate business problems into data-driven solutions. Actively working on real-world ML/NLP projects and seeking to apply analytical skills to support PayPal's data science initiatives.

## Experience

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### Relationship Manager, Cap-Index – Calicut, Kerala

October 2023 – March 2025

- Built strong, trust-based client relationships by resolving queries quickly and providing timely market insights to help clients make informed investment decisions.
- Improved client satisfaction by proactively addressing issues and providing personalized assistance across trading services..

### Full Stack Developer Intern, Stackroots Technology – Calicut, Kerala

March 2023 – August 2023

- Learned the basics of front-end development using HTML, CSS, and JavaScript also Helped with simple back-end tasks like connecting to a database.

### Assistant Manager, Zaad Trading Company – Calicut, Kerala

April 2019 – oct 2022

- Assisted the management team in coordinating day-to-day operations and Handled basic client interactions and responded to queries
- Helped in maintaining records and preparing simple reports.

## Projects

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### German-Credit-Risk-Anlysis (ML)

GitHub

- A machine learning project using the German Credit dataset to analyze and predict credit risk. Includes data cleaning, feature engineering, model training, evaluation, and visual insights to identify key factors influencing borrower risk and support data-driven financial decisions.

### Lifestyle-Based Sleep Disorder Prediction (ML)

GitHub

- Developed a multi-class ML model to predict sleep disorders using lifestyle and health features. Performed preprocessing, trained classical models, evaluated performance, and analyzed key factors affecting sleep health.

### Market-Analysis-Using-Python

GitHub

- A Python-based market analysis project using data exploration, visualization, and statistical techniques to study trends, customer behavior, and market performance. Includes data cleaning, EDA, and insights to support data-driven business decisions.

### Stock Price Movement Prediction Using NLP

GitHub

- A machine learning project that analyzes stock price movement using news headlines. Combines NLP-based sentiment analysis with historical stock data to identify patterns and predict whether the market moves up or down.

## Education

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### Edure, Diploma in Data Science

Sept 2025 – Present

### University of Calicut, B.Com (Computer Application)

2016 – 2019

## Technologies

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**Languages:** Python(Functions,OOPS,File Handling>Error Handling,HTML, CSS

**Technologies & Tools:** MS Excel,Tally, VS Code ,Canva, NLP,Image Processing,Open CV

**Machine Learning:** Supervised Learning (e.g., Regression, Classification), Unsupervised Learning

**Data Science Libraries:** NumPy, Pandas, Matplotlib, Seaborn,scikit-learn,NLTK

**Deep Learning:**Neural Networks, CNN, RNN, TensorFlow, Keras

## Certifications

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- **Tally.ERP9**-Gained practical knowledge in accounting and financial management and GST using Tally ERP, including GST, and report generation.
- **Zerodha Varsity**-Learned the fundamentals of stock markets, trading, and investments, including risk management and market analysis.