

EMMANUEL JOSHUA

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EDUCATION	
SNS College of Technology	Coimbatore, India
B. Tech. Artificial Engineering and Machine Learning	September 2024 – Present
Baptist Academy	Coimbatore, India
High School – Percentage: 87%	June 2023 – Mar 2024

SKILLS SUMMARY	
Languages:	Python, SQL, C
Frameworks:	Pandas, Numpy, Scikit-Learn, Matplotlib, Seaborn
Tools:	Excel, PowerPoint, MySQL, SQLite
Platforms:	PyCharm, Jupyter Notebook, Visual Studio Code
Soft Skills:	Problem Solving, Design Thinking, Team Collaboration, Communication, Typewriting

WORK EXPERIENCE	
DATA SCIENTIST INTERN INTELLIPAAT	APRIL 2024 – PRESENT
<ul style="list-style-type: none">Assisted in data preprocessing, feature engineering, and exploratory data analysis to improve model performance.Developed machine learning models for predictive analytics, improving decision-making processes.Worked with large datasets, performing data cleaning and transformation using Python, Pandas, and SQL.Built and optimized regression and classification models using Scikit-Learn and TensorFlow.Created interactive data visualizations using Matplotlib and Seaborn to communicate insights effectively.Collaborated with cross-functional teams to implement AI-driven solutions for business problems	

PROJECTS	
WALLMART SALES PREDICTION LINK	DECEMBER 2024
<ul style="list-style-type: none">Developed a time series forecasting model to predict Walmart’s sales trends.Conducted data preprocessing, feature engineering, and outlier detection for accurate analysis.Used machine learning models like ARIMA, XGBoost, and LSTM for sales forecasting.Achieved a high prediction accuracy, providing insights for inventory management and business strategy.	
COVID-19 TREND ANALYSIS LINK	NOVEMBER 2024
<ul style="list-style-type: none">Collected and cleaned COVID-19 data from reliable sources, including daily death counts and case statistics.Performed exploratory data analysis to uncover patterns in mortality rates across countries and regions.Investigated the impact of factors like population density, and vaccination rates on death trends.Visualized data using time-series plots, choropleth maps, and correlation heatmaps. <p>Gained insights into global trends and created actionable reports for data-driven understanding.</p>	

CERTIFICATIONS	
EXECUTIVE POST GRADUATE CERTIFICATION IN DATA SCIENCE AND AI CERTIFICATE	April 2025
<ul style="list-style-type: none">Developed advanced expertise in data science, machine learning, and AI-driven analytics through comprehensive training conducted my iHUB Divyasampark at IIT Roorkee	
DATA SCIENCE COURSE (INTELLIPAAT) CERTIFICATE	FEBRRUARY 2025
<ul style="list-style-type: none">Gained hands-on experience in machine learning, data analysis, and predictive modelling.Covered key concepts like data preprocessing, feature engineering, and model evaluation using Python and industry-standard tools.	
SQL COURSE (INTELLIPAAT) CERTIFICATE	JULY 2024
<ul style="list-style-type: none">Mastered database querying, data manipulation, and optimization techniques using SQL.Worked with relational databases, writing efficient queries for data retrieval, filtering, and aggregation.	

- Developed a human-centered approach to AI solutions, focusing on collaborative problem-solving, innovation strategies, and AI ethics.