

H John Joshua

Data Science Enthusiast

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EDUCATION

CHRIST (Deemed to be University)

MSc Data Science

Bengaluru, Karnataka

July 2023 – Jun 2025

Kristu Jayanti College (Autonomous)

BCA with Analytics

Bengaluru, Karnataka

July 2020 – Jun 2023

PROJECTS

EchoSpeak

AWS, Python

May 2024 – June 2024

- Created an intuitive interface for seamless **'Text-to-Voice converter'** with customizable voice selections.
- Leveraged **AWS Lambda** for serverless processing, providing scalable and cost-efficient functionality.
- Stored and managed voice files in Amazon S3 and DynamoDB, ensuring reliable data storage and easy access.

HR Hub

PHP, Python, Power BI

Jan 2023 – June 2023

- Developed and implemented the **'Workforce Management Application'**, enabling optimized scheduling, tracking, and management of the firm's workforce.
- Analyzed employee performance, turnover, skill, and talent data to identify trends and areas for improvement, resulting in a **15% increase in productivity and a 20% increase in turnover rate**.
- Leveraged Power BI to visualize HR analytics metrics, creating interactive dashboards.

Process Control System

PHP, SQL Server,

Jan 2023 – Feb 2023

- Engineered a **'Process Control System'** to enhance manufacturing efficiency at **HAL**.
- Implemented data analytics tools to analyze historical sales data and predict future inventory needs accurately, leading to a **15% reduction in stockouts and a 20% increase in on-time deliveries**.
- Created dashboards to visualize the various elements of the manufacturing operations.

EXPERIENCE

Hindustan Aeronautics Limited

Intern

Jan 2023 – Feb 2023

Bengaluru, Karnataka

- Completed a **4-week internship** at HAL, Foundry and Forge Division, Bengaluru.
- Spearheaded the development of a project titled **'Process Control System'**.

CERTIFICATES

Qlik Business Analyst Qualification

Qlik

Jan 2021

Oracle Cloud Infrastructure Foundations Oracle

Oracle

March 2022

Data Processing Using Python

Indian Statistical Institute

Jan 2022

MongoDB Basics

MongoDB

Aug 2022

Celonis Academic Process Mining Fundamentals

Celonis

March 2023

SKILLS

Technical Skills: Data Visualization, Data Analysis, Machine Learning, Cloud Computing

Programming Skills: Python, R, JAVA, Javascript, PHP

Tools: SQL, NoSQL, Tableau, Power BI, AWS