

Jyosna Philip

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Highly motivated and curious data practitioner with a strong foundation in programming, statistics, data analysis, and web development. Actively seeks opportunities to learn from every project, with a proven ability to quickly adapt to new challenges. Passionate about Data, web development, and sustainability.

Education

MASTER OF SCIENCE (M.SC) IN DATA SCIENCE

2023– PRESENT

Christ (Deemed to be) University, Pune Lavasa Campus
Expected Graduation: 2025 | CGPA 3.9/4

BACHELOR OF SCIENCE (B.SC) IN MATHEMATICS

2020 – 2023

Madras Christian College, Chennai (University of Madras)
GPA 8.9/10

High School

GEMS Our Own English High School, Al Ain, UAE
Grade 12: 94.4% | Grade 10: 94%

Experience

Analytics Intern – Bajaj Allianz Life Insurance Company, Pune HO (Onsite)

01-2025/PRESENT

- Develop and implement fraud detection strategies at the proposal stage to minimize claim rates.
 - Conduct historical back testing and impact analysis to identify high-risk profiles and enhance underwriting policies.
 - Collaborate with cross-functional teams to establish data-driven rules that mitigate risk while ensuring a seamless customer experience.
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Projects

• Research in IoT based monitoring systems

09-2024/ 01-2025

• BuildR - Project Management App with Data Science concepts.

08-2024/ 11-2024

An intelligent project management app to facilitate collaboration within teams. Features include: Team morale analysis, Task tracking, Data Visualization with detailed insights, Role-based Access controls. Handled database designing, frontend & backend implementation, sentiment analysis, asynchronous task queue implementation and data visualization.

• HungryStudent- Full Stack Web App for College Canteens

04-2024/ 06-2024

A web-app aimed at reducing queues during rush hours in canteens inside and around colleges. Provides detailed data analysis for users as well as restaurants implementing the system. Handled various aspects of the project including ideation, database designing, frontend and backend implementations and testing.

Link to Repo: <https://github.com/jyosnaphilip/hungry-Student>

Detailed Portfolio: https://jyosnaphilip.github.io/my_portfolio/

- **Predictive maintenance of machines, using C-MAPSS dataset.**

04-2024/ 06-2024

This project was a collaboration between machine learning enthusiasts from various domains. The aim was to predict the failure of NASA engines ahead of time. Handled exploratory data analysis and machine learning model building and testing. Gained experience in deploying ML models to Azure web apps.

View Deployed Model - <https://predictivemaintenance30daysml.azurewebsites.net/>

[View Project Documentation](#)

- **Exploratory Data Analysis of Mental Health among Students of Christ University, Lavasa**
 - **Data Analysis and Visualization of Environmental Data using Java**
 - Marathonomics 2023 – 1st
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Skills

- **Proficient in:** Python, R, Microsoft Excel, Full Stack Web Development (Django), SQL, Data Analysis and Visualization, Machine Learning, Statistical Analysis.
 - **Familiar with:** Java, C++, MongoDB, Microsoft Azure
 - **Soft skills:** Critical Thinking, Collaboration, Communication, Problem Solving
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Certificates & Activities

- Microsoft Certified: Azure Data Fundamentals (Credential ID: 18473ABDBED34988)
- Google Cloud Career Readiness Cohort: Cloud Digital Leader
- National Service Scheme (2020-2022)