

# Albin Manuvel

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Gender: Male

[LinkedIn](#) [GitHub](#)

DOB: 31<sup>st</sup> December 2001

## Objective

As a recent graduate driven by motivation and dedication, I am actively pursuing opportunities to leverage my analytical skills, creativity, and untapped potential to enhance an organization's success. I am enthusiastic about joining a dynamic and inspiring work environment that encourages continuous learning and professional development. My focus is on engaging in projects related to general-purpose programming and database languages, particularly within the realms of Machine Learning and Data Science. I am confident in my versatility and prepared to adapt and transition across domains as required.

## Education

- 2021-present: **Bachelors in Computer Applications (Data Analytics)**.  
St. Joseph's College (Autonomous), Bengaluru.
- 2018-2020: Pre-University (PCMB)  
St Joseph's Pre-University College, Bengaluru.
- 2005-2018: ICSE  
Carmel Convent School, Bengaluru.

## Experience

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| • Data Science Intern<br>Neram Labs Private Limited.<br>5 <sup>th</sup> April - 4 <sup>th</sup> August 2023 | • Machine Learning Intern<br>Suvidha Mahila Mandal NGO .<br>18 <sup>th</sup> Dec 2023 – 18 <sup>th</sup> Jan 2024 |
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## Projects

- I conducted a data science project on rainfall prediction, using skills in data analysis, machine learning, and predictive modelling. Developed an accurate model by processing extensive weather data, showcasing the ability to leverage data-driven insights for real-world problem-solving in weather forecasting and disaster preparedness.
  - **Tech Stack: Python (Pandas & NumPy , Scikit-Learn) , OpenWeatherMap API , PowerBi**
- I made a customer churn analysis project leveraging telecom data, showcasing expertise in data analysis, machine learning, and predictive modelling. Engineered accurate models by pre-processing extensive customer data, demonstrating proficiency in extracting actionable insights for telecom companies to enhance retention strategies and customer satisfaction.
  - **Tech Stack: Python (Pandas, NumPy, Scikit-Learn), Machine Learning Algorithms (Logistic Regression, Random Forest).**
- Contributed to a team project analysing COVID-19 data, utilizing RStudio for informative visualizations, including a world map cartogram. Applied Natural Language Processing to analyse the 'Top 50 Tweets on Covid,' generating a word cloud to capture prevalent trends and public perception of COVID-19.
  - **Tech Stack: R (Data Visualisation, NLP), Microsoft Excel & PowerBI.**

- Contributed to a collaborative team effort in designing a "Farming Automation and Crop Analysis System" presented at the university exhibition 'Elixir.' Gathered data from various IoT devices, conducted comprehensive analysis using ML models, and successfully implemented an integrated solution for automated farming management.
  - **Tech Stack: Python (TensorFlow, scikit-learn), IoT devices, GCP**

### Technical Skills

- Python (Pandas , NumPy , SciPy , Matplotlib , Seaborn , Scikit-learn , TensorFlow , PyTorch )
- R (dplyr, tidyr, ggplot2, xgboost ,tseries)
- Java
- Hadoop Ecosystem (HDFS, MapReduce, Hive, Pig, HBase)
- SQL
- PowerBI
- Microsoft office ( Excel , Power Point )
- AWS

### Soft Skills

- Leadership
- Teamwork
- Communication
- Public Speaking

### Certifications

- Data Structures and Algorithms using Java ( NPTEL )
- Introduction to Artificial Intelligence ( Infosys Springboard )
- Hands-on Artificial Intelligence with TensorFlow ( Infosys Springboard )
- NCC, A grade in B Certificate. ( Issued by National Cadet Corps )

### Co-curriculars

- As MIMA's Event Coordinator, I successfully orchestrated diverse theatrical events, fostering a vibrant, inclusive community and leaving a lasting impact on our college theatre association .
- Won 1<sup>st</sup> Place in Mime at NIFT.
- Won 2<sup>nd</sup> Place in Mime at Christ University and Mad Ads at Presidency University.
- Won 2<sup>nd</sup> Place in Data Wizard competition.
- Worked as a part of the organising committee for the College Data Analytics Association 'Analytica', and successfully helped host an inter-collegiate tech fest.
- Helped to host a workshop on Cyber Security for the college Data Analytics Fest 'Analytica'.

### Languages

- English (R/W/S)
- Kannada (R/W/S)
- Hindi (R/W/S)
- Malayalam(R/S)
- German(R/W)