

# DEEKSHITH KUMAR M

+918660896808 | [deekshithpoojarii01@gmail.com](mailto:deekshithpoojarii01@gmail.com) | [LinkedIn](#) | [GitHub](#) | [Portfolio](#)

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## TECHNICAL SKILLS

**Languages:** C++, Python, C, Java.

**Libraries:** Matplotlib, Seaborn, Numpy, Pandas, sklearn.

**Databases:** MySQL, MongoDB.

**Object Oriented and Core Concepts :** OOP, Data Structure, Algorithms, Problem Solving, Git, Github, Postman.

**Operating Environment Familiarity:** Visual Studio Code, Jupyter Notebook, Linux (basic).

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## EXPERIENCE

**Internship,** CODTECH IT Solutions, Mangalore | Data Analyst Intern:

- Analyzed sales data using python and excel. Created dashboards using Tableau to visualize trends.
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## PROJECTS

**SkyBook | Airline Reservation System:**

- Designed and implemented a full stack web application using PHP and MySQL to streamline the flight booking process.
- Developed a responsive front end with HTML, CSS, and JavaScript, ensuring a seamless user experience across different devices.
- Engineered a robust back end logic to manage real time seat availability, user authentication, and secure reservation databases.

**Cricket Score Prediction Using Artificial Intelligence and Machine Learning:**

- Built a predictive model using Supervised Learning algorithms(Linear Regression) to forecast match scores with high accuracy.
- Performed extensive Data Cleaning and Feature Engineering on historical cricket datasets using Pandas and NumPy.
- Utilized Scikit learn to train and validate the model, achieving a significant reduction in Mean Absolute Error (MAE) through hyperparameter tuning.

**Social Media Usage Analysis using Python:**

- Conducted a data driven analysis of social media usage patterns using Python, focusing on trends, user engagement, and platform wise behavior.
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## EDUCATION

**Master of Computer Applications (MCA),** Visvesvaraya Technological University, Belagavi | Feb 2024 - Sep 2025 - 86%

**Bachelor of Computer Applications (BCA),** Mangalore University, Mangalore | Jan 2020 - Jul 2023 - 76%

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## COURSES

- NPTEL - Data Analytics with Python - VTU MOOC Course**
  - Python for Data Science (PY0101EN):** This introductory course is designed for beginners and focuses on Python programming basics and its use in data science.
  - Data Visualization using Python (DV0101EN):** This course dives into creating and interpreting data visualizations using Python libraries. It emphasizes crafting insightful and compelling visuals.
  - Data Analysis with Python (DA0101EN):** This course teaches how to analyze and interpret data using Python. It focuses on both statistical techniques and data manipulation.
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## ACHIEVEMENTS

- Co-organizer of IT Manager Event- Medha 23:** National Level IT Fest Organized by Shree Devi Institute of Technology, Mangalore.