

Mohammed Amanuddin

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ABOUT ME

Recent B.Tech graduate in Artificial Intelligence and Machine Learning (2025) with a strong academic foundation in data analysis, statistics, and machine learning. Completed a PGP Program in Data Science and multiple internships focused on data cleaning, visualization, and exploratory analysis using tools like Python, SQL, and Excel and visualization tools. Comfortable working with real-world datasets and eager to grow in a data-driven role by applying analytical skills and continuously learning.

EDUCATION

Guru Nanak Dev Engineering College (VTU)

Bidar

B.Tech, Computer Science (AI & ML) 2021-2025

Cumulative GPA:7.5

Post Graduate Program in Data Science | Easilitech | 2022

Bidar

WORK EXPERIENCE

Data analyst Trainee

April 2025 – June 2025

C-DAC Bangalore

- Completed an intensive training program under the guidance of experienced professionals, focusing on statistical analysis, data visualization, SQL, and predictive modeling.
- Analyzed real-world datasets in multiple projects using Python, Pandas, and Excel to uncover insights, trends, and patterns to support data-driven decisions.
- Collaborated with teams to clean, transform, and visualize data using tools like Matplotlib,Seaborn enhancing the clarity and impact of analytical findings.

Data Analyst and Product development Intern | Remote

15 Jan 2025 - 10 May 2025

Varcoons Technologies

- Contributed to the “Smart Attrition Prediction and Employee Wellness Recommendation Engine” project during internship at Varcons Technologies Pvt. Ltd.
- Designed and implemented predictive analytics pipelines and machine learning models for employee attrition and wellness insights.
- Applied NLP techniques for sentiment analysis to classify employee wellness status.
- Developed a recon engine and interactive dashboards using Streamlit with Gemini API integration, ensuring seamless end-to-end system integration.

Data Analyst Intern | Remote
MedTourEasy

01 Jan 2025 - 30 Jan 2025

- Analyzing statistical insights from medical data to support business decisions.
- Performing data cleaning and preprocessing to ensure data accuracy.
- Identifying patterns and trends to derive meaningful insights.
- Utilizing Python, Pandas, and visualization tools for data analysis.

Data analysis and ML Intern | Remote
Compsoft Technologies Pvt. Ltd

27 Oct 2023 - 01 Dec 2023

- Contributed to a Medical Chatbot Project aimed at improving healthcare accessibility.
- Conducted data cleaning and preprocessing to enhance chatbot training data.
- Assisted in feature engineering and ml algorithms, model optimization for chatbot responses.

Web Development Intern | Remote
Varcons Technologies Pvt Ltd

21 Oct 2022 - 24 Nov 2022

- Developed a fully functional web template for an online yoga training center.
- Designed a responsive and user-friendly UI in Figma to enhance customer engagement.
- Implemented HTML and CSS to create an interactive front-end.

PROJECTS

Employee Wellness Engine

Python,Pandas,Numpy,Matplotlib,Gemini API

- Built an HR analytics tool to assess wellness and suggest retention actions.
- Used Gemini API for smart questions and AI-driven recommendations.
- Created Streamlit UI with sliders and charts for real-time feedback.
- Implemented full pipeline for data processing, modeling, and results.

Medical Report Summarizer

Python,Pandas,Numpy,Scikit-learn,Matplotlib,Gemini API

- Developed an AI-powered medical report summarization tool using Python, Streamlit, and PyMuPDF.
- Integrated Gemini API for advanced natural language processing and multilingual support.
- Utilized ReportLab, QRCode library, and TextWrap for efficient document optimization.
- Designed an intuitive user interface for seamless report upload and summarization in Streamlit.

NEET Score Prediction Model

Python,Pandas,Numpy,Scikit-learn,Matplotlib,Linear Regression

- Built a machine learning model using linear regression to predict NEET scores based on academic data.
- Collected and preprocessed data to improve the accuracy and reliability of predictions.
- Visualized key insights using Matplotlib and Seaborn to identify trends.

Random Password Generator | Python

- Designed and developed a secure password generator in Python to enhance cybersecurity.
- Implemented randomization and complexity rules for generating strong passwords.
- Provided users with options for customizing password length and character types.

SKILLS AND INTERESTS

- Programming Languages: Python
- Machine Learning & Data Science: Scikit-learn, Pandas, NumPy, Matplotlib, Seaborn
- Web Development: HTML,CSS,Streamlit, Flask
- Tools & APIs: PyMuPDF, Gemini API, ReportLab, QRCode Library, TextWrap
- Databases: MySQL
- Other Skills: Data Cleaning, Data Preprocessing.

Activities

- Core Member, pAithon Association and GDSCmember GNDEC, Bidar