

PIYOOSH KRISHNA M

BCA AI & DevOps Student | Aspiring Artificial Intelligence Enthusiast

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📄 PROFESSIONAL SUMMARY

Motivated BCA student specializing in Artificial Intelligence and DevOps with a strong interest in AI, machine learning, and data-driven technologies. Possesses foundational knowledge in programming, data structures, and databases. Eager to apply theoretical knowledge, learn industry practices, and build practical skills through internship opportunities.

🎓 EDUCATION

Bachelor of Computer Applications (BCA) – AI & DevOps, 2024 – 2028
Chinmaya Vishwa Vidyapeeth (Deemed To Be University), Ernakulam, Kerala
Expected Graduation: 2028
CGPA: 9.30 / 10 (Till Semester 3)

🧠 TECHNICAL SKILLS

Programming Languages

- Python (Basics)
- Java (Basics)
- C (Basics)

AI & Data

- Introduction to Artificial Intelligence
- Basic Machine Learning Concepts

Tools

- GitHub (*Basic version control and code sharing*)
- Visual Studio Code (*Development environment*)
- Jupyter Notebook (*Basics for Python practice*)
- MS Excel (*Basic data handling and calculations*)

Computer Science Fundamentals

- Data Structures (Basics)
- Algorithms (Sorting & Searching)

Database

- DBMS Concepts
- SQL (Basic Queries, Filtering, Joins)

📁 PROJECTS

Student Performance Analysis

GitHub: <https://github.com/piyoosh-krishna/student-performance-analysis> 📄

- Analyzed student performance dataset to identify factors affecting academic scores
- Performed data cleaning and preprocessing using Python and Pandas
- Created new features such as average score and pass/fail classification
- Conducted exploratory data analysis (EDA) to uncover patterns
- Visualized insights using Matplotlib to compare subject-wise and gender-based performance


IPL Data Analysis

GitHub: <https://github.com/piyoosh-krishna/ipl-data-analysis> 📄

- Analyzed IPL match dataset to evaluate team performance and match trends
- Explored the impact of toss decisions and venue on match outcomes
- Identified top-performing teams and players using data aggregation techniques
- Conducted season-wise and venue-wise analysis for deeper insights


- Visualized results using charts and graphs for better interpretation

Spam Email Detection System

Github: <https://github.com/piyoosh-krishna/spam-email-detector> 

- Developed a machine learning model to classify messages as spam or ham
- Preprocessed text data and applied TF-IDF vectorization for feature extraction
- Trained a Naive Bayes classifier for efficient text classification
- Evaluated model performance and achieved high accuracy
- Implemented prediction functionality for custom user input

Python Chatbot

Github: <https://github.com/piyoosh-krishna/python-chatbot> 

- Developed a rule-based chatbot using Python for interactive conversations
- Implemented conditional logic to respond to user queries dynamically
- Integrated datetime module to provide real-time date and time responses
- Designed multiple conversational features including greetings and fallback responses
- Demonstrated basic concepts of conversational AI and user interaction

CERTIFICATIONS

- Python (Basic) – HackerRank Skill Certification
- DevOps Workshop – National Institute of Technology Calicut, Tathva'24

SOFT SKILLS

- Analytical Thinking
- Attention to Detail
- Team Collaboration
- Problem Solving
- Communication