

Prathyush S Panicker

Bengaluru, INDIA | P: +91 8660797857 | panickerprathyush20@gmail.com

[LinkedIn](#) | [GitHub](#) | [Leetcode](#) | [HackerRank](#) | [Portfolio](#)

PROFILE

Computer Science graduate specializing in AI and Machine Learning, with expertise in Python, JavaScript, and MERN stack development. Experienced in building cross-platform apps and machine learning models, eager to apply technical skills to create innovative software solutions.

EDUCATION

Bachelor of Technology(BTech) in Computer Science with Spl. in Artificial Intelligence and Machine learning
Presidency University | Graduated: July 2024 | CGPA : 8.2/10

Relevant coursework: Data Structures, Algorithms, Software Engineering, Web Development, Cloud Computing, AI, ML, Deep Learning, Generative AI, Networks.

SKILLS

Programming Languages: Python, Java, C Language, R, JavaScript

Web Development: MERN Stack (MongoDB, Express.js, React.js, Node.js), HTML/CSS, React Native

Databases: MySQL, MongoDB

Machine Learning: Pandas, NumPy, Scikit-learn, Streamlit, Matplotlib, Seaborn, Data Preprocessing

Tools & Platforms: Git, Tkinter, Streamlit, GitHub, MATLAB, REST.api

Soft Skills: Team Collaboration, Problem Solving, Communication

PROJECTS

Health App With Stepcounter And Community LeaderBoard (Presifit) [Github](#) **Jan 2024**

- Led a team of 4 in the full-stack development of a health app using React Native and MERN stack, achieving a 20% faster deployment cycle compared to previous projects by streamlining CI/CD processes.
- Optimized app performance across Android device, reducing load times by 15% using React Native's cross-platform capabilities.
- Managed the end-to-end project lifecycle, incorporating user feedback to improve design by 25%, enhancing user engagement.
- Delivered a robust app that enhanced user engagement and achieved smooth cross-device compatibility.

Sports Winner Prediction and News Aggregator [Github](#) **July 2023**

- Developed a web application using Streamlit and ML libraries (Pandas, NumPy, scikit-learn) to predict IPL and football match outcomes based on historical data, achieving 80% accuracy.
- Integrated real-time sports news using the News API.

Python CLI Weather App [Github](#) **Sept 2024**

- Built a Python CLI app utilizing the OpenWeatherMap API to provide real-time weather data, with secure user authentication implemented using bcrypt.
- Designed a robust MySQL database schema to store and manage search history, optimizing query response times by 10%.
- Optimized error handling and input validation for improved user experience.

Integrated GUI Development using Tkinter and MySQL [Github](#) **Dec 2022**

- Developed an interactive GUI using Tkinter with MySQL integration, creating secure sign-up and login functionality that enhanced user data management by 30%.
- Increased application efficiency by optimizing SQL queries and improving user experience with intuitive interface design.

CERTIFICATIONS

Intermediate Machine Learning – Kaggle, **Machine Learning Certification** – Udemy,

Pandas for Data Science – Kaggle

EXTRACURRICULAR

- District-level Football Player (U-19) and Forward/Striker for College Football Team, demonstrating teamwork and leadership.
- Awarded multiple medals in school-level Olympiads, showcasing analytical thinking and problem-solving skills.