

Putta Jagadhabhiram

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Education

Amrita Vishwa Vidyapeetham
Computer Science and Engineering (GPA: 7.72)

Coimbatore, Tamilnadu
Jul 2021-Mar 2025

Sasi Junior College
MPC - Senior Secondary (Percentage: 96)

Visakhapatnam, Andhrapradesh
Jun 2019-Mar 2021

Experience

Artemis Networks

Data Science Intern

Bot Development, API Integration, NLP, Deep Learning, Machine Learning and Monitoring

May 2024-Jul 2024

- Developed and maintained 2 Telegram bots for cryptocurrency tracking and news sentiment analysis.
- Integrated APIs to fetch real-time cryptocurrency prices and other relevant data.
- Implemented a sentiment analysis model for crypto-related tweets using Python, natural language processing (NLP) and deep learning (DL) techniques with 90% accuracy in test data.
- Managed data storage in MySQL for model performance and accuracy evaluation in 100+ iterations.

Chegg India

Freelance

Computer Science and Engineering Subject Expert

Jun 2022-Jun 2023

- Solved 100+ questions related to programming and other computer science topics.
- Provided clear, accurate solutions to student queries with a 90% Quality score.

Projects

Medical Bill Predictor using ML | Machine Learning, Flask, Html, CSS

- Created a user-friendly website integrated with machine learning using the Flask framework, enabling users to obtain accurate medical bill estimates based on their medical reports.
- Outperformed random forest with 90% accuracy to estimate total medical expenses based on medical history, treatment details and surgical data.

Intelligent Chess Engine | Data Structures and Algorithms, Python

- Reduced move evaluation time by 50% using the Minimax algorithm with Alpha-Beta Pruning and optimized search efficiency by 30% with transposition tables.
- Implemented a heuristic evaluation function to predict up to 5 moves ahead, enabling real-time decision-making in under 1 second.

Kids Learning Website | HTML, CSS, JS, PHP, MySQL, XAMPP

- Developed a secure authentication system with 2-step verification using Gmail to improve security features.
- Integrated the project with a backend and database using XAMPP for efficient data management.
- Designed 3 separate pages for portals, admin(tutor), and children, ensuring customised functionalities for each user.

Skills

Programming Languages: Python, C++, Java, HTML, CSS, SQL

Software & Tools: XAMPP, MySQL, VS Code, Jupyter

Technologies: Machine Learning, API Integration, Natural Language Processing (NLP), Deep Learning (DL), Bot Development, TensorFlow

Computer Science: Data Structures, Computer Networks, DBMS, Operating Systems, OOPS

Certifications & Achievements

IBM Cognitive Class: Python for Data Science

Coursera: Python Data Structures

Merit Scholarship Recipient: Achieved 28th rank in Amrita Entrance Exam

Coding: Solved 500+ problems in various coding platforms and participated in various competitive contests

Volunteer Service

Anokha Tech Fest

Core Team Member

Organized and conducted various technical events as part of the core team for the Anokha Tech Fest 2023.