CURRICULUM VITAE

PRATHAP A

📞 **Phone**: +91 63816 05793

✉@ **Email**: annaviprathap143@gmail.com

Portfolio:

Educational Details:

DEGREE/ EXAM PASSED	BOARD/ UNIVERSITY	YEAR OF PASSING	NAME OF THE INSTITUTION	PERCENTAGE %
M. Sc Computer Science	Bharathidasan University	2023	Dr. Kalainger Govt. Arts College, Kulithalai.	71
B. Sc Computer Science	Bharathidasan University	2021	Srimad Andavan Arts & Science College.	80.6
HSC	State Board	2018	Govt. Hr. Sec. School, Krishnarayapuram.	47
SSLC	State Board	2016	Govt. Hr. Sec. School, Krishnarayapuram.	81

Technical Skills:

- **Programming Languages**: Python, C, C++, Java
- **Web Development**: PHP, HTML, CSS, JavaScript, Bootstrap
- **Database Management**: MySQL (Basics)
- **Machine Learning**: Understanding of **Large Language Models** (LLMs), Experience with building Retrieval-Augmented Generation (RAG) chatbots using OCI Generative AI Service
- **Tools & Technologies**: Git, Visual Studio Code, Eclipse, Anaconda (Jupyter, Spyder), PyTorch, VMware Workstation
- **Operating Systems**: Windows, Linux (Ubuntu, Mint, Kali) - Basic proficiency

Key Skills:

- **Problem-Solving**: Developed and implemented an Inventory Management System that reduced inventory errors by 30%, demonstrating strong analytical and troubleshooting abilities.
- **Team Collaboration**: Successfully collaborated on a Heart Disease Prediction project, working with a team to collect data and fine-tune algorithms, leading to a 15% increase in prediction accuracy.
- **Leadership**: Led a team of four in a college Rotaract Club event. And organize many camp
- **Communication**: Effectively communicated complex technical concepts to non-technical stakeholders during project presentations, ensuring clear understanding and alignment.
- **Adaptability**: Quickly learned and applied new technologies like Flask and PyTorch during academic projects, delivering successful outcomes under tight deadlines.

Paper Publication:

1. **Journal: IJARESM**
   Title: Deep Learning in Real-Time Applications
   Authors: Mohamed Asmathulla G, **Prathap A**, Dr. T. Gobinath, Dr. M. Kumar.

Link: https://www.ijaresm.com/uploaded_files/document_file/Mohamed_Asmathulla_Gm6Vu.pdf

Project Details:

2.Inventory Management System
- **Technologies Used**: PHP, HTML, CSS, MySQL
- **Description**: Developed a system to manage computer hardware inventory, categorized into new items, damaged, and discarded. Admin functionalities included user creation and role-based access control.
- **Impact**: Streamlined inventory tracking, reducing errors and improving resource allocation. Worked independently, ensuring complete project lifecycle management.

3.Heart Disease Prediction Using Machine Learning & Deep Learning
- **Technologies Used**: Python, Flask, ML/DL algorithms
- **Description**: Designed a predictive model to identify potential heart disease cases using various algorithms. The project involved data preprocessing, model training, and deploying a Flask-based web interface for user interaction.
- **Impact**: Enhanced accuracy in predicting heart disease, contributing to academic research. Collaborated with a team for data collection and algorithm selection.

4.Web Browser
- **Technologies Used**: Python
- **Description**: Created a basic web browser to enhance Python programming skills, focusing on understanding syntax and user interface design.
- **Outcome**: Improved proficiency in Python and gained practical experience in software development.

WORKSHOPS:

- ➢ Certification for completing 7-Day Python and Deep Learning bootcamp with Shape AI 2021
- ➢ Completion of the Microsoft Student Ambassadors Data Structures and Algorithm bootcamp in collaboration with Shape AI in 2021
- ➢ Participating Ethical Hacking Workshop on Stupid Skills.

CERTIFICATIONS:

- ✓ **Oracle Cloud Infrastructure 2024 Generative AI Certified Professional**
- ✓ Python (Basic) It covers topics like Scalar Types, Operators and Control Flow, Strings, Collections and Iteration, Modularity, Objects and Types and Classes on Hacker Rank
- ✓ SQL(Intermediate) It includes complex joins, unions, and sub-queries on Hacker Rank.
- ✓ Software Engineer Intern It covers topics like Problem solving and SQL on Hacker Rank.
- ✓ Java (Basic) It will cover basic topics in Java language such as classes, data structures, inheritance, exception handling, etc. Expected to be proficient in either Java 7 or Java 8.
- ✓ ANN using Keras and R on UDEMY

Hobbies:

- • Playing Outdoor/ Video games
- • Hearing songs / Photoshoot
- • Cooking

Personal Details

Name	:	Prathap A
Date of Birth	:	28-07-2001
Nationality	:	Indian
Languages Known	:	Tamil, English
Address	:	Mettu Mahadhan Puram, Krishnarayapuram (Tk), Karur (Dt) – 639105.

Place: Yours Faithfully,

Date: (A. PRATHAP)