# CURRICULUM VITAE

**PRATHAP A**

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**Portfolio:**

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## 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
- **Understand Large Language Models (LLMs)**
- **Build a Retrieval-Augmented Generation (RAG) based chatbot using OCI Generative AI Service**

## Tools & Technologies:

- Git
- Visual Studio Code
- Eclipse
- Anaconda (Jupyter, Spyder) Py torch

**Operating Systems:**

- Windows
- Linux (Ubuntu, Mint, Kali) Basic

**Key Skills:**

- Strong problem-solving abilities with a focus on practical solutions.
- Effective communicator and collaborator in team environments.
- Motivated to leverage academic knowledge into impactful contributions.

**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**

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

**REFERENCES**

Dr. T. Gobinath AP/CSE
Chettinad college of Engineering and Technology Karur
Contact: 9944588207

Email: gobinath19@gmail.com

Place:                                    Yours Faithfully,

Date:                                       (A. PRATHAP)