Balamurugan S

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Profile

Aspiring computer science professional with a strong academic foundation, having completed a B.Sc in Computer Science and currently pursuing an M.Sc in Computer Science. Passionate about learning and eager to begin a professional journey by contributing knowledge, enthusiasm, and adaptability to a dynamic team environment. Strong interest in cloud computing and data analysis, with a motivation to gain hands-on experience, grow professionally, and make a meaningful impact by applying analytical thinking and technical skills to real-world challenges.

Education

M.Sc Computer Science   Coimbatore, Tamil Nadu
Dr. SNS Rajalakshmi College of Arts and Science   2025 - 2027

B.Sc Computer Science   Coimbatore, Tamil Nadu
Hindusthan College of Arts and Science - 7.6 CGPA   2022 - 2025

Higher Secondary Certificate   Coimbatore, Tamil Nadu
PMG Matric Hr Sec School - 84%   2021 - 2022

Secondary School Leaving Certificate   Coimbatore, Tamil Nadu
Hindusthan Matric Hr Sec School - 66%   2019 - 2020

Professional Experience

Internship   Coimbatore, Tamil Nadu
SIRENA (ROBOTICS & AI)   05/04/2023 - 13/04/2023

- Hands-on experience with advanced robotic systems.
- Learned core principles of robotics technology.
- Gained insights into modern robotics models.

Institutional Training Programme   Coimbatore, Tamil Nadu
ADOBE PREMIER PRO   09/2023 - 10/2023

- Basic proficiency in Adobe Premiere Pro.
- Familiar with video cutting and transitions.
- Understanding of editing workflow and effects.

Technical Skills

HTML, CSS	JavaScript, React
Node JS, MongoDB	Express
C, Java	GitHub

Soft Skills

Team Collaboration	Adaptability
Communication	Continuous Learning

PROJECTS

The Ticketing Hub Website

Tool used: XAMPP

Developed a web-based event and venue booking platform that allows users to browse events, view venue details, and make bookings online. The system includes user registration, event management, booking management, and pricing control features. Implemented a responsive user interface and dynamic content handling to ensure a smooth user experience. Technologies used include PHP for backend development, MySQL for database management, and HTML, CSS, JavaScript for frontend development.

Medicine Recommendation System

Tool used: PyCharm

Developed a Medicine Recommendation System that predicts diseases based on user-provided symptoms and recommends suitable medicines using machine learning techniques. Integrated a lightweight RESTful API to enable seamless frontend interaction and efficient data processing. Implemented using Flask, Scikit-learn (SVM), Pandas, and feature engineering techniques.

AI-powered Recipe Assistant Chatbot

Tool used: PyCharm

Developed an AI-powered Recipe Assistant using Flask, voice recognition, and fuzzy matching. The chatbot helps users find recipes based on ingredients, dietary preferences, or cooking time. Features include voice-based search, smart meal planner, and interactive cooking guide. Implemented using Flask, Pandas, FuzzyWuzzy, speech_recognition, and pyttsx3.

CERTIFICATIONS

* Getting Started with Microsoft Excel (Coursera)
* Data Analysis with Python (Cognitiveclass.ai)
* Data Analytics and Visualization Job Simulation (Forage)
* Python 101 for Data Science (Cognitiveclass.ai)