

NAME : ARULRAJ S
ID NO : 18MX203
DEGREE : Master of Computer Applications
BRANCH : Computer Applications
COLLEGE : PSG College of Technology, Coimbatore
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Father's name : Savariraj K
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ACADEMIC RECORD

Course	Institution	Board / University	Year of Completion	Marks (% or CGPA)
X	Christhuraja Higher Secondary School, Palayamkottai	State Board	2012	88.00
XII	St. Xavier's Higher Secondary School, Palayamkottai	State Board	2014	83.33
B.Sc COMPUTER SCIENCE	St. Xavier's College, Palayamkottai	Manonmaniam Sundaranar University	2017	69.34
MCA	PSG College of Technology, Coimbatore	Anna University	2021	8.50*

* - CGPA up to third semester

MCA - SEMESTER CGPA

Semester	I	II	III
CGPA/10	8.52	8.37	8.50

AREAS OF INTEREST

- Data Structures & Algorithms
- Object Oriented Design with C++

SKILL SET

Languages	C, C++, Java, Python, SQL
Web Technologies	HTML, CSS, PHP
Back Ends	MySQL
Frameworks	Flask, MVC, Spring
Platforms	Linux, Windows
Tools	MATLAB, Codeblocks, NetBeans, Android Studio, Anaconda

ACADEMIC PROJECTS

- **Resume parser with NLP** – A web application is created to simplify the process of Online Recruitment System (**ORS**). Recruiters can easily find the eligible candidates. Candidates can easily find the jobs based on their skillset. It uses Python's **Flask** web application framework and Natural Language Processing (**NLP**) techniques to parse the resumes. Resumes are stored into **sqlite** database in **JSON** format. Resume parser will go through all the resumes stored in JSON format and suggest only the eligible candidates based on the job description given by the recruiters.

Tools & Technologies used: Python, Flask, NLP, JSON, Sqlite

- **Connect Globe** – To develop a real time group chatting system developed using **Socket programming** and **Multi-threading** concept in Java. It consists of two applications the client application, which runs on the user's Pc and server application, which runs on the network. This project is deployed in a **Client/Server** Architecture.

Tools & Technologies used: Java, Socket programming, Multithreading

- **Hash Map for Voting** – To make an efficient constant time search, insertion operations among a huge set of voters list. A custom **Hash Map** class is generated and implemented in online voting system using **C++**. Hash Map uses **key-value** pairs where the voter identification number will act as a key and all the details corresponding to that voter will act as values.

Tools & Technologies used: C++, Hash Map, OpenCV

- **Stock Price Prediction** –To determine the future stock price of Amazon company in order to help the investors and the company. This project works based on the past stock price value of Amazon. It can detect the four distinct phases of business cycle which are boom, recession, depression and recovery. Implemented three different algorithms **KNN**, **Linear Regression** and **Moving Average method** to predict the stock price of **Amazon** in **Python**.

Tools & Technologies used: Python, pandas, numpy, matplotlib, sklearn

ACADEMIC ACHIEVEMENTS AND EXTRA-CURRICULAR ACTIVITIES

- Successfully completed **Unit 1** of the Residence-cum-Correspondence Training in **Counselling and Psychotherapy** consisting of Didacticism, Practice and Field-work in 2017 offered by Anugraha capuchin Institute of Counselling, Psychotherapy and Research.
- Successfully completed **Data Science for Engineers** online certification course offered by NPTEL.
- Successfully completed **Career Edge - Knockdown the Lockdown** online course offered by TCS iON in May 2020.
- Successfully completed **AWS Foundations: Getting Started with the AWS Cloud Essentials** course in June 2020 offered by **Amazon Web Services**.
- **Convenor** for the workshop **Python in Data Analytics** in **KRIYA 2020** – The Global Clash of Techno Talents during February 2020.
- Actively participated in three days **ENTREPRENEURIAL AWARENESS CAMP**
- An active member of **N.S.S**, Democracy forum and St. Vincent de Paul society youth club for three years.

HOBBIES

- Reading books
- Writing poetry

DECLARATION

I, ARULRAJ S, do hereby confirm that the information given above is true to the best of my knowledge.

Place: Coimbatore

Date :

(ARULRAJ S)