KARANRAJ M
17PW18

Father's name	Mohanasundaram D	**Permanent Address**
Gender	Male	176/6, No.22,
Date of Birth	9th January 2000	Bakthavachalam Nagar,
Languages known	English, Tamil	Kailasampalayam,
Email	**karanrajmokan@gmail.com**	Tiruchengode, Namakkal
Mobile	**+91-90252-24063**	Tamil Nadu – 637211.

OBJECTIVE

To obtain a position as a Student Intern for a period of six months from May 2020 to November 2020.

ACADEMIC QUALIFICATION

Currently pursuing 3rd year of 5 year Integrated M.Sc. Software Systems at Department of Applied Mathematics and Computational Sciences at PSG College of Technology.

SKILL SET

Languages	C++, C, Java, Python
Back-End	SQL, CypherQuery
Platform	Windows, Linux, Mac
Tools	Spyder, Neo4j

AREAS OF INTEREST

- Data Structures
- Database Management Systems
- Object Oriented Programming

ACADEMIC RECORD

Semester	I	II	III	IV	V
CGPA / 10	9.17	9.0	8.90	8.97	8.77

Course	Institution	Board	Completion By	Marks (%)
X	SKV Matric Hr Sec School, Tiruchengode	State	2015	98.80
XII	SKV Matric Hr Sec School, Tiruchengode	State	2017	98.00

INDUSTRY BASED PROJECT EXPERIENCE

Worked as an intern at **D'Edge Promotions**, Coimbatore during the month of May 2019. Assisted in developing an android application **Plan-A-Wedding**, which brings all the component members of Wedding Planners to a common platform. By doing so, the workload of Wedding Planners has been eased.

NON-ACADEMIC PROJECT

- **CGPACalc,** an android application built in Java using Google Firebase's **Cloud Firestore**. This application computes the CGPA for each semester given their semester GPAs.

ACADEMIC PROJECTS

- **VirtualInn**, a **multi-threaded** hotel management system developed in **Java** using threads and streams. This system allows multiple users to perform various operations such as booking rooms, ordering food and checking-out simultaneously.

- **iStore**, an online retail application developed using **Bootstrap, Javascript, PHP** as frontend and **Oracle** as backend. In this database based application, additional SQL queries and triggers have been added to make the application more user-friendly.

- **BonAppétit,** a restaurant recommendation system built using **Neo4j.** This application uses the **graph database** and it recommends the best and related restaurants for the customers based on their preferences.

- **TaPy,** a network based application developed in **Python** using socket programming to stimulate Live Video Conference Call. The application is based on the client-server architecture and allows a maximum of 5 systems to connect provided their individual ip addresses.

- **Timeline Analyzer**, an activity log manager developed in **C++** using **Splay tree** data structure. It is designed to keep track of the daily travel activities and analyse them using algorithms for preparing a report file giving an overview and pattern of long-term travels.

- **Check-I(n)t**, a communication system developed using **C** to execute integer data communications along with error detection and correction algorithms such as Checksum, Hamming Code, Parity Check to ensure proper exchange of data between the sender and receiver.

EXTRA-CURRICULAR ACTIVITIES AND ACHIEVEMENTS

- Participated in the **International Mathematics Olympiad (IMO)**, won **first prize** in District Level for two years.
- Participated in **Inter-school talent competition** (drawing), hosted by The Lion's Club.
- Participated in **Inter-school Chess competition**.
- Participated in **Inter-school drawing** and **sketching competition**.

DECLARATION

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

Place: Coimbatore
Date : 18/04/2020   (Karanraj M)