

# Karanraj M

Final year software student

An aspiring software developer, interested in database systems and full stack development.



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## EDUCATION

### M.Sc Software Systems

P.S.G College of Technology

06/2017 - Present

8.84/10.0 CGPA

### 12th Grade (State Board)

SKV Matric Higher Secondary School

06/2015 - 05/2017

98%

## WORK EXPERIENCE

### Intern - SDE

ThoughtWorks

07/2020 - 12/2020

Bangalore

Achievements/Tasks

- Worked with a team responsible for developing and managing an internal application called **Leave Planner** which helps the Indian TW employees plan and manage leaves efficiently.
- Assisted in development of the application via code pairing and handled production issues and bugs via HelpDesk tickets.
- Involved in both the frontend and backend jobs (such as creation of UI components, writing APIs and service logic modules, writing tests as part of the TDD approach).

### Summer Intern - SDE

D'Edge Promotions

05/2019 - 06/2019

Coimbatore

Achievements/Tasks

- 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.
- Worked in Kotlin to develop pages and layouts for the android application.

## SKILLS

DSA

DBMS

SQL

MongoDB

GraphDB

OOPS

Java

Spring Boot

React.js

## PROJECTS

### Leave Planner

- A web application written in Java, Spring Boot and React.js which helps students to manage time-off requests in a fair, accurate and efficient way
- This automated system allows the students to manage leaves and plan their scheduled works according to it

### Virtual Inn

- 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

## LANGUAGES

Tamil

Native or Bilingual Proficiency

English

Full Professional Proficiency

Hindi

Limited Working Proficiency

Malayalam

Elementary Proficiency

## INTERESTS

Chess

Cricket

Maths

Ukulele

Music