Gopal Goyal

Computer Science & Engineering
IIIT Bangalore.

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Technical Competencies

LANGUAGES:-
C, C++, Java, SQL

WEB SERVICE/FRAMEWORKS:
Restful Web Services(REST),Spring Boot, Spring-security, Hibernate

DEVOPS:
Git, Jenkins, Ansible, Docker

IDE:-
IntelliJ, Eclipse, VS Code

Education

2021-2023
M.TECH IN CSE
IIIT Bangalore
CGPA : 3.56/4(Current)

2017-2021
B.TECH IN CSE
Chandigarh University
CGPA : 7.92/10

2016-2017
INTERMEDIATE
Grain Chamber Public School
Percentage : 87.6%

2014-2015
MATRICULATION
Grain Chamber Public School
CGPA : 8.6

Course-Work

- **Data Structures and Algorithm**
- **Operating Systems**
- **Database Management System**
- **Computer Networks**

Extra-Curricular Activities

- **Participated in Smart India Hackathon 2019.**
- Participated in IOT Workshop by TechKriti, IIT Kanpur.

Projects

NEIGHBOUR STORAGE APP

- Designed and developed a web and mobile application, with the objective of connecting the travellers/tourists to the nearby house vendors.

- Tourists can leverage the storage point services provided by vendors and store their luggage for short period of time on a rental basis.

- We have used **Git** for version control, **Jenkins** for continuous integration, **Ansible** for continuous delivery and **Docker Containers** for deployment.

Ionic-React, Springboot, MYSQL

AANGANWADI MOBILE APP

- To provide timely health checkups and proper care to the Severely Accused Malnourished (SAM) children's in the small Districts and village areas, we have designed and developed a **mobile application** for Aanganwadi workers.

- Aanganwadi workers can record Anthropometric data of these children's digitally on the app and send to doctors of the nearby NRC centres, from where Doctors can assign future followup details and deliver Discharge Summaries to these workers.

Ionic-React, Springboot, MYSQL

RAILWAY TICKET BOOKING SYSTEM

- Designed a Railway Ticket Booking System in C language using **Multi-Threading** and **Socket Programming.**

- Used **user-buffered I/O** for various File operations to increase the performance and **threads** so that more than one user can use the application at the same time.

C Programming, Multi-Threading, Socket Programming

Academic Certificates

- **ALGORITHMIC TOOLBOX**
  by University Of California, UC SanDiego.

- **MANAGING BIG DATA WITH MYSQL**
  by Duke University.

Academic Achievements

- **Secured rank 1089 out of 1,01,922 candidates(99% ile) in Gate 2021 in first attempt.**

- Among Top 10 out of 130 teams in the Hack BMU Hackathon.