

GURUKIRAN G

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[GITHUB](#) | [LINKEDIN](#) | [PORTFOLIO](#)

EDUCATION

Bachelor of Information Science and Engineering , CMR Institute of Technology, Bengaluru, 7.3 CGPA.	2020- 2024
Pre-University Course (PCMC) , V V Sangha's Independent PU College, Ballari, Karnataka, 90.00 Percentage.	2018-2020

SKILLS

Programming Languages: Java, C++ and C (Intermediate), JavaScript (Basics).

Database and Language: MySQL, MongoDB and SQL.

Version Control Tools and IDE: GitHub, Visual Studio Code, Android Studio, Eclipse and Postman (API Testing tool).

Course Work: Database and management system, Object-Oriented Programming, Computer Networks, Operation Systems, Data Structures, and Algorithms.

Soft Skills: Collaboration, Communication, Planning, Teamwork, Time Management, Leadership.

PROJECTS

Glaucoma Disease Detection using CNN in Deep Learning

- Developed a CNN-based Glaucoma Detection System, achieved high accuracy in identifying glaucoma from retinal images using deep learning and image augmentation techniques.
- Tech stack used:** Python, Keras, TensorFlow, OpenCV, PIL, NumPy.
- Learning Outcome: Gained expertise in designing, training, and deploying Convolutional Neural Networks (CNN) for medical image analysis and Developed skills in using OpenCV and PIL for effective image preprocessing and feature extraction.

Car Wash Management System

- This project is a web-based management application with scheduling functionality for the user. It offers user and admin login pages, enabling users to view washing details, prices, and book slots. Admins can monitor booked and completed car washes. The system efficiently manages car washing operations using a MySQL database.
- Tech stack used:** HTML, CSS, PHP, MySQL Server.
- Learning Outcome: Learnt Basics of Database transactions and SQL Queries. Gained knowledge of building application using frontend and backend and how to integrate SQL in the code and learnt how to use XAMP

Android News Application

- This user-friendly news application offers seamless navigation across sections such as politics, sports, tech, and entertainment. Advanced algorithms personalize news based on user preferences, boosting engagement. Developed in Android Studio.
- Tech stack used:** XML, JAVA, ANDROID STUDIO
- Learning Outcome: Learnt developing applications using the tool Android Studio.

INTERNSHIPS

WebStack Academy

Duration: Aug 2023 – Oct 2023.

Roles and Responsibilities: Back End Developer Intern - Completed and Learnt about MongoDB, NodeJS, Express.JS. Developed Back End Server for E-Commerce Website. Worked in live Project with the team.

ACHIEVEMENTS & EXTRA-CURRICULAR ACTIVITIES

- Seminars:**
Attended a seminar on topic "Gender Equality and POSCO Webinar" on 14th July 2022, CMRIT.
- Technical Clubs:**
Key Role as a Technical team member in RISE Club.
Organised Event "Codewiz" in Rise Club CMRIT
- Awards & Achievements:**
Secured 2nd Place in 100 meter running at Taluk level in 2016.
Awarded 2nd place in "Treasure Hunt" event organised by CMRIT.