

Gurunath C

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

EDUCATION

Bachelor of Information Science and Engineering , CMR Institute of Technology, Bengaluru, 8.34 CGPA	2020- 2024
Pre-University Course (PCMB) , Govt. PU College For Boys, Chitradurga, Karnataka, 89.6 Percentage.	2018-2020

PROFESSIONAL EXPERIENCE

Froker (Arroz Technology)

- Duration: July 2024 – November 2024.
- Roles and Responsibilities: **Software Development Engineer Intern** – Developed and optimized backend services using **Node.js**, managing data and business logic, while executing complex **MongoDB** queries for efficient data manipulation, aggregation, and retrieval.
- Implemented **SEO strategies** to improve the Website's visibility and ranking, focusing on **on-page optimization**. Integrated **Retool** to build and manage internal tools, streamlining operations and improving data accessibility for non-technical teams.

Gida Technologies

- Duration: March 2024 – June 2024.
- Roles and Responsibilities: **Backend Developer Engineer** – Worked on backend service for an **E-Commerce website** using **TypeScript**, **Nest.JS**, **PostgreSQL**, and **Redis** (Caching memory).
- Acquired proficiency in **IPC calls** within a **microservice** architecture to ensure efficient inter- module communication. Implemented a feature to detect **data breaches in emails**.

SKILLS

Programming Languages: Java (Intermediate), JavaScript, TypeScript.

Database and Language: MySQL, SQL, PostgreSQL, Redis.

Frameworks: Node.JS

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

Course Work: Database management system, Object-Oriented Programming, Operating System, Data Structures and Algorithms.

Soft Skills: Problem-Solving, Communication, Collaboration, Time Management, Continuous Learning, Adaptability.

PROJECTS

Inno-Connect

- Engineered an intuitive **full-stack application** using **JavaScript**, **NodeJS**, **MySQL** and the **MVC** architecture.
- This application facilitates communication between **startup initiators and business organizations**, allowing initiators to create startups with business models and salient features, which companies can accept if they find the models appealing.
- **Learning Outcome:** Learned to integrate the front end with the back end using **Express.JS** and gained proficiency in database management systems and knowledge on **XAMP** Server.

E-Commerce Web Application

- Developed a backend server for an **E-Commerce Website** using the **Nest JS** framework and **TypeScript**. The database is managed with **PostgreSQL**, and **Redis** is utilized for **caching**, specifically for storing cart data.
- Implemented secure authentication and authorization mechanisms to protect user data and transactions using **Middleware** functionality.
- **Learning Outcome:** gained Knowledge in Nest JS, Redis as a caching solution, and PostgreSQL; executed comprehensive API testing for CRUD Operations, improving system reliability and reducing bug-related downtime by 40%.

ACHIEVEMENTS & CERTIFICATIONS

- **Seminars:**
Attended STTP on “**IOT and Application**” from 27th -31st December 2021, Organized by CMRIT.
- **Awards & Achievements:**
Won Appreciation Certificate in **National level EYSS** (Eco Youth Startup Summit) Competition.