

# Sanjai Kumar

s.sanjaikumaar@gmail.com | +91-9865322181 | sanjai.tech

## EDUCATION

### KG

College of Arts and Science.

### BSC IN COMPUTER SCIENCE

2020-2023 | TamilNadu, India

CGPA: 8.0

### VIDYA VIKASINI

Matriculation Higher Secondary School.

2020 | TamilNadu, India

## LINKS

Github:// [sanjai0py](#)

Leetcode:// [sanjai0py](#)

Twitter:// [@0xsanjai](#)

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms

Design and Analysis of Algorithms

Database Management System

Operating System

Computer Networks

Object Oriented Programming

## SKILLS

### PROGRAMMING

Experienced:

Python • Javascript • Nodejs

Intermediate:

C • MySQL

Familiar:

Firebase • Rust

### EXTRAS

Experienced:

Problem-Solving • Team Collaboration

Interests:

Recreational Math • Continuous Learning

Familiar:

Adaptability to New Technologies

## CERTIFICATES

The Bits and Bytes of Computer Networking, Coursera.

Introduction to Agile Development and Scrum, Coursera.

Introduction to Project Management, Coursera.

## EXPERIENCE

### NUNNARI LABS | SOFTWARE DEVELOPER INTERN

May 2023 - Present | Coimbatore, TamilNadu

- Developed robust backend APIs using **Express.js**, significantly improving the functionality and performance of the software.
- Leverage **Google Cloud Services** for the efficient deployment of customer APIs, ensuring seamless accessibility and user experience.
- Implemented data relations using **SQL**, enhancing the structure and integrity of the database.
- Utilized **PostgreSQL** for data storage, ensuring secure and efficient data management.

### KGX | STUDENT LEAD + OPEN SOURCE CONTRIBUTOR

May 2022 - 2023 | Coimbatore, TamilNadu

- Contributed to **open source** projects, enhancing my programming skills and understanding of software development.
- Mentored juniors, guiding them through their open-source contributions and fostering a learning environment.

## PROJECTS

### REAL-TIME CHAT APPLICATION

- Created a real-time chat application using **WebSockets**, enabling users to join and interact instantly.
- Utilized **Node.js**, **Express.js**, and **Socket.io** to build and manage the backend of the application.
- Developed a passion for **real-time** technologies, leading to an enhanced user experience.

### YOUTUBE BACKEND SIMULATION

- Developed a simulation of YouTube's **backend**, gaining insights into complex, real-world systems.
- Built using Express.js as the server and Node.js for the backend, with **PostgreSQL** handling database management.
- Leveraged **Firebase** for user authentication to simulate secure user login and data protection.

### LEETCODE TRACKER

- Designed and built a tracker for **LeetCode** problem-solving, promoting productivity within a friend group.
- Used Express.js and Node.js for the backend and Vanilla JavaScript for frontend functionality.
- The tracker encourages users to solve more problems through friendly competition and progress tracking.

## EXTRA CO-CURRICULARS

- Actively serving as an Advisor for **Inaiyaviyal**, a forward-thinking NGO committed to fostering tech education among first and second-year university students.
- Providing **mentorship** to juniors at my college with a dedicated focus on enhancing their proficiency in backend technologies and problem-solving.