

# Sri Ram Kumar G

BE COMPUTER SCIENCE AND ENGINEERING, ANNA UNIVERSITY

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## CAREER OBJECTIVE

Aspiring Java Backend Engineer with expertise in object-oriented programming, REST APIs, and database management. Passionate about building scalable and efficient backend systems using Java, Spring Boot, and MySQL.

## EDUCATION

2022 - Present **BE Computer Science and Engineering**, Madras Institute of Technology, Chennai *CGPA: 7.37*  
2019 - 2022 **Diploma in Computer Engineering**, M.S.P.V.L Polytechnic College, Tenkasi *Percentage: 97%*

## SKILLS

- **Programming Languages:** Java (Spring, Hibernate), C++, C#, Python
- **Database:** MySQL, Oracle
- **Web Technologies:** HTML, CSS, REST APIs
- **Version Control:** Git, GitHub
- **Area of Interest:** Application Development, Data Structures and Algorithms, OOPs, DBMS

## PROJECTS

- Detection of Deforestation** | *GEE, Sentinel-1, Sentinel-2, DeepLabv3+, Python* Jan 2024 – April 2024
- Integrated Sentinel-1 and Sentinel-2 satellite data for comprehensive monitoring of deforestation in Peru.
  - Implemented DeepLabv3+ model for semantic segmentation to accurately classify land cover types and identify deforested areas.
  - Enhanced resolution and accuracy using subpixel mapping and feature-level fusion techniques.
- Hotel Management System** | *HTML, CSS, SQL, phpMyAdmin, JavaScript* Mar 2023 – Apr 2023
- Developed a web application to streamline hotel operations, including booking and management tasks.
  - Implemented a booking system for checking availability and making reservations, and created an admin dashboard for managing reservations and customer details.
- Online Mobile Shopping System** | *HTML, CSS, MySQL, JavaScript* Jun 2022 – Jul 2022
- Developed an online platform for mobile shopping with features like user registration, login, product browsing, and shopping cart management.
  - Designed the user interface using HTML and CSS, managed the database with MySQL, and added dynamic functionality using JavaScript.
- Nearby Help Assistant** | *Android Studio, Java, SQLite* Dec 2020 – Apr 2021
- Developed an SOS emergency application in Android Studio using Java and SQLite, providing quick access to emergency services.
  - Implemented features to send the current location via SMS, access emergency locations through Google Maps, and call the police with a single tap.

## CERTIFICATES

- International Mathematics Olympiad Contest **2016**
- Microsoft Office 365 productivity (Advance level)- Naan Mudhalvan Upskilling Programme **2022**
- Networking Essential by Cisco **2023**

## RESPONSIBILITY

### MIT Variety Team Chairman Aug 2024 – Present

- Organized a cultural program for our college's 75th-year alumni celebration (June 2024).
- Led the team to victory in Inter-College competitions at Kilpauk Medical College (Sep 2024) and Madras Medical College (Nov 2024).
- Organized an intra-college stage performance for Sivaranjani cultural fest (Nov 2024).

### MIT Variety Team Technical Head Aug 2023 – Jul 2024

- Designed poster in canvas for meme, reels contest and recruitment invitation.
- Edited audio for stage art performance like shadow, comedy skit.
- Edited video for recruitment invitation and stage art performance like shadow.

## ADDITIONAL

**Languages Known:** Tamil, English