

# Ramachandran Moorthy

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## About

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I am pursuing an MTech degree in Computer Science from IIIT Hyderabad. I enjoy being challenged and forced to think outside the box. I am eager to learn new technologies and expand my horizons with new ideas and insights.

## Education

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<b>International Institute of Information Technology</b> , Hyderabad MTech in Computer Science Engineering	Jul 2024 – Jun 2026
<b>Ramrao Adik Institute of Technology</b> , Navi Mumbai BE in Information Technology (CGPA: 8.75/10.0) Co-curriculars: ISTE-RAIT : CTO(2019-20), Event Head(2018)	Aug 2017 – Jun 2021

## Experience

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<b>Systems Engineer</b> , Tata Consultancy Services - Mumbai	Oct 2021 – Dec 2023
<ul style="list-style-type: none"><li>Developed RESTful APIs using Java and Spring Boot framework, ensuring seamless integration with existing mainframe systems and external partner systems.</li><li>Documented API specifications, endpoints, and request/response formats using Swagger/OpenAPI.</li><li>Wrote unit tests using JUnit and Mockito, with comprehensive code coverage.</li><li>Performed System Testing of the developed code using Postman API to identify and fix issues, resulting in reliable bug-free code.</li></ul>	

## Technologies

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**Languages:** C++, C, Java, SQL, JavaScript

**Software:** Spring Boot, JUnit, Mockito, Swagger

## Projects

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### Civic Grievance Redressal App

- An Android application that enables a user to make civic complaints, view complaints of other users and their status. Another app for the civic body was also created where the status of each complaint can be updated. The civic body can also share news to the users.
- Tools Used: Java

### Student Portal

- A website where students can clear their doubts through the teachers, view notices and obtain their marks of the unit tests which are uploaded by the respective teachers
- Tools Used: HTML, CSS, JavaScript

## Achievements

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- Secured AIR 31 in PGEE 2024
- Secured AIR 1687 in GATE 2024

## Certifications

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- Designing RESTful APIs (LinkedIn)
- Spring Boot 2.0 Essential Training (LinkedIn)