

# HARIPRASAD R

2<sup>nd</sup> Year B. E. Computer Science Engineering Student

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## EDUCATION

R. M. K. Engineering College | 2024-2028

**B. E. Computer Science Engineering Student**

**CGPA:** 7.59 (up to Semester-III)

**Relevant Coursework:** Data Structures, Database Management Systems, Operating Systems, Computer Organization and Architecture, Discrete Mathematics, Linear Algebra and Applications, Introduction to Artificial Intelligence, Advanced Java Programming, Java Programming, Programming in C++, and Software Development Practices

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## PROFESSIONAL SUMMARY

Research-oriented 2nd-year Computer Science Engineering student with strong foundations in data structures, databases, and programming. Seeking a Summer Research Internship at GIM to assist faculty-led research in Big Data Analytics and IT & Operations through data analysis, experimentation, and technical implementation.

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## ACADEMIC AND RESEARCH PROJECTS

### Cyber Security Authentication System (Mini Project)

- Studied authentication mechanisms and threat models in secure systems
- Implemented and evaluated login validation techniques using Java and structured logic
- Analyzed system behavior for potential vulnerabilities and data protection impact

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## RESEARCH AND TECHNICAL SKILLS

- Programming:** C, C++, Python, Java
- Databases & Core CS:** SQL, DBMS, Data Structures, Operating Systems
- Data analysis using Python (basic statistics, data handling)
- Algorithmic problem solving and logical modelling
- Literature review, technical documentation, and result interpretation

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## CERTIFICATIONS

### NPTEL – The Joy of Computing Using Python

- Gained hands-on exposure to computational thinking and Python-based problem solving

### NPTEL – Soft Skill Development

- Developed academic communication and presentation skills useful for research collaboration

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## EXTRACURRICULAR / LEADERSHIP

- NCC 'A' Certificate – trained in discipline, teamwork, and leadership
- Tritiya Sopan – Bharat Scouts and Guides (community leadership exposure)
- Participant – TechXConf 2024, Chennai (technology awareness & networking)