

# Vinay Mada

Computer Science and Engineering  
Rajiv Gandhi University of Knowledge Technologies, Basar

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## EDUCATION

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|---|--------------|
| • <b>Bachelor of Technology in Computer Science and Engineering</b> | 2021-Present |
| Rajiv Gandhi University of Knowledge Technologies-Basar             | CGPA: 9.35   |
| • <b>Pre University Course</b>                                      | 2019-2021    |
| Rajiv Gandhi University of Knowledge Technologies-Basar             | CGPA: 9.6    |
| • <b>S.S.C</b>  | 2019         |
| T.S. Model School-Shankarapatnam                                    | CGPA: 10.0   |

## PROJECTS

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|---|------|
| • <b>RGUKT Problems Hub</b>   | MERN |
| – Developed a platform for streamlining the resolution of student-hostel issues.                                  |      |
| – Implemented user authentication to allow students to log in and submit requests regarding hostel problems.      |      |
| – Designed a system to route these requests to the appropriate workers.   |      |
| – Created a worker interface for viewing and managing unresolved issues, including student details for follow-up. |      |
| – Enabled students to update the status of issues from unsolved to solved upon resolution.                        |      |
| • <b>RGUKT Lab Dues Tracker</b>   | MERN |
| – Created a web application for the administration to track lab dues for each student.                            |      |
| – Designed roles for lab faculty and administration heads to manage dues efficiently.                             |      |
| – Allowed lab faculty to upload dues information for individual students.   |      |
| – Enabled administrators to view and clear dues upon successful payment.  |      |

## EXPERIENCE

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|--|---------------------|
| • <b>Shape-Fitness</b>   | May 2024- July 2024 |
| Fullstack Intern   |                     |
| – Collaborated with a team of interns to develop a real-time product for gym trainers and clients, facilitating remote workout sessions. |                     |
| – Utilized React and TypeScript for front-end development, ensuring a responsive and user-friendly interface.                            |                     |
| – Developed and maintained back-end services using Spring Boot, providing robust and scalable server-side functionality.                 |                     |
| – Participated in the entire software development lifecycle, from requirements gathering and design to implementation and testing.       |                     |
| – Gained hands-on experience in full-stack development, enhancing skills in both front-end and back-end technologies.                    |                     |

## SKILLS AND INTERESTS

**Languages:** C++, C, Javascript, HTML, CSS

**Frameworks and Libraries :** React.js, Express.js, Node.js, Bootstrap, Material UI

**Web Dev Tools:** VScode, Git, Github

**Databases:** Relational Database(mysql), MongoDB

**Data Analysis and Visualization:** Looker Studio

**Machine Learning:** Natural Language Processing

**Relevant Coursework:** Design and Analysis of Algorithms, Operating Systems, Object Oriented Programming, Database Management System, Computer Networks, Artificial Intelligence.

**Areas of Interest:** Full Stack Development, DataStructures and Algos.

**Soft Skills:** Team Work, Communication, Leadership, Problem Solving, Self-learning, Adaptability

## ACHIEVEMENTS

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|--|------|
| • Achieved top rank in the Programming in Modern C++ course with a consolidated score of 76% (ELITE+SILVER), at NPTEL. | 2024 |
| • Won the Poster Presentation Competition representing the CSE branch.   | 2023 |
| • Selected to participate in the State Level Kabaddi tournament.   | 2018 |