Vinay Mada

Computer Science and Engineering
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 GitHub Profile
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EDUCATION

•**Bachelor of Technology in Computer Science and Engineering** *2021-Present*
Rajiv Gandhi University of Knowledge Technologies-Basar CGPA: 9.35

•**Pre University Course** *2019-2021*
Rajiv Gandhi University of Knowledge Technologies-Basar CGPA: 9.6

•**S.S.C** *2019*
T.S. Model School-Shankarapatnam CGPA: 10.0

PROJECTS

•<u>**RGUKT Problems Hub**</u> *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.

•<u>**RGUKT Lab Dues Tracker**</u> *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

• **Shape-Fitness** *May 2024- Present*
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
Relevent 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

• Achieved top rank in the Programming in Modern C++ course with a consolidated score of 76% *2024* (ELITE+SILVER), at NPTEL.

•Won the Poster Presentation Competition representing the CSE branch. *2023*

•Selected to participate in the State Level Kabaddi tournament. *2018*