Tummuru Vimala Reddy

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Career Objective

Computer Science student focused on full-stack development, looking to leverage programming and problem-solving skills in innovative projects. Dedicated to improving technical expertise and building impactful solutions.

Education

Bachelor of Technology in Computer Science and Engineering   2022 - Present
Prasad V. Potluri Siddhartha Institute of Technology (CGPA: 8.95)

Intermediate   2020 - 2022
SR Junior College (Percentage: 90.9%)

Secondary Education   2020
Ravindra Bharathi Public School (Percentage: 98%)

Technical Skills

Languages	:	C, CPP, Java, JavaScript
Frontend	:	React.js, HTML, CSS, Bootstrap, Tailwind
Backend	:	Node.js, Express.js
Databases	:	MongoDB, MySQL, Firebase
Concepts	:	OOPs, DSA, Computer Networks, DBMS, Operating Systems
Tools	:	Git, Visual Studio Code, Canva, Notion

Projects

SchedGuru | *React.js, Node.js, Express.js, MongoDB*   Project Link
- Developed a responsive React.js frontend integrated with RESTful APIs for real-time faculty schedule lookup and dynamic exam seating display.

Resource Sharing Platform | *React.js, Node.js, Express.js, MongoDB*   Project Link
- Built a resource sharing platform with file uploads, tag-based search, user profiles, and real-time tracking using React.js and REST APIs.

Energy Consumption Prediction | *Python, Scikit-learn, Pandas, Matplotlib, Seaborn, Flask, Pickle*   Project Link
- Built an ML model to forecast energy use, improving accuracy through preprocessing and tuning.

Vitamin Deficiency Finder | *React.js, JavaScript, Tailwind CSS*   Project Link
- Developed a web application to identify potential vitamin deficiencies based on user-selected symptoms.

Internship

Web Developer Intern - CodeAlpha   *Virtual*
- Built interactive web projects including a Task Scheduler, Recipe Book, and Issue Tracker using HTML, CSS, and JavaScript.
- Gained hands-on experience in DOM manipulation, responsive design, and debugging browser-based applications.

Activities

- **CORE Team Member**, Google Developer Student Club (2023 – 2024)
- **Managing and Organizing Domain Master**, Google Developer Groups (2024 – 2025)
- **Outreach Team Member**, NOTION - PVPSIT (2024 – 2025)

Certifications

MERN Stack Development	-	Masters Coding	Certification Link
Programming in Java	-	NPTEL	Certification Link
CPP Training	-	Spoken Tutorial	Certification Link
AWS Cloud Foundations	-	AWS Academy	Certification Link
HTML Training	-	Spoken Tutorials	Certification Link