

KARTHIKEYA VERUTURI

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EDUCATION

VNR Vignan Jyothi Institute of Engineering and Technology Bachelor of technology in Computer science and data science Year I CGPA – 9.5	2026
Narayana Junior College Intermediate Education – 97.8 %	2022
Sri Chaitanya CBSE School 10 th Grade – 432/500	2020







SKILLS

Languages: C++, Python, Java, SQL, Javascript



Libraries and Frameworks: React, Flask, Jinja2, HTML5, CSS3, NodeJs, MongoDB, Tailwindcss

Tools: VS code, Git, Google cloud, Canva, Vercel

PROJECTS

- **The Coder Companion**  *React.js, Nodejs, Judge0 API, Gemini API*
An AI-powered coding platform with an interactive assistant, Gemini, to guide students through competitive programming challenges, evaluate solutions against test cases, and foster problem-solving skills. Built using React.js, Node.js, and integrated with Judge0 compiler.
- **NextPad**  *React.js, Nodejs, MongoDB, CSS3*
A creative articles sharing application built using MERN. It allows users to share their creative pieces and lets the viewers write comments. It demonstrates tokenization using jwt for authentication
- **Portfolio website**  *React.js, JavaScript, TailwindCSS*
Developed a responsive personal portfolio website using React, implementing hooks, routing, and asset management, showcasing proficiency in modern JavaScript frameworks and deployment on Vercel.
- **SurfSafe**  *Python, Tkinter*
Python-based application to enhance online security, protecting against malicious websites. Restricting access to websites lacking https encryption. Leverages the Windows hosts file to dynamically block harmful URLs. Showcases proficiency in Python development, file handling.
- **Crypt0-Know**  *Reactjs, Coin Gecko API*
Developed a real-time cryptocurrency price tracking web application leveraging the Coin Gecko API to fetch and display up-to-date pricing data for various digital currencies. Demonstrated proficiency in consuming third-party APIs, react development, and creating responsive and performant web applications.
- **TaskManager**  *C++*
Developed a C++ command-line Task Scheduler utilizing Doubly linked lists and Queue data structures. Features task creation, deletion, prioritization, viewing lists, and task backup to a text file. Demonstrated data structures, algorithms, file I/O, and dynamic memory management skills.

ACHIEVEMENTS

- Achieved 3rd place in a startup race competition for pioneering a waste management solution focusing on waste recycling 
- Developed and maintain a portfolio website showcasing my projects, skills, and achievements 

CERTIFICATIONS

- A **certificate** from Udemy on “Google Cloud Platform” course 30/10/2023
- A **certificate** from NPTEL on “Programming Using Python” 09/2023
- A **certificate** from Coursera on “Supervised Machine Learning” 12/01/2024