KARTHIKEYA VERUTURI

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EDUCATION

VNR Vignan Jyothi Institute of Engineering and Technology   *2022 - present*
Bachelor of technology in Computer science and data science
Year I CGPA − 9.5

Narayana Junior College   *2022*
Intermediate Education − *97.8 %*

SKILLS

Languages: C++, Python, SQL, Javascript
Libraries and Frameworks: React, Typescript, Flask, Jinja, Node Js, MongoDB, Tailwind css
Tools: VS code, Git, Github, Canva, Vercel, Firebase, Postman, Supabase, AWS s3

PROJECTS

Transferit 🔗 | *Typescript, Tailwind css, Supabase, AWS s3*   *July 2024*
• A secure, anonymous file-sharing app with optional password protection built with a user-friendly interface for seamless file sharing experiences
• Utilizes Supabase as backend and AWS s3 for file storage.

CodeWatch – A Lab Integrity system 🔗 | *Typescript, Nodejs, MongoDB, judge0 API*   *June 2024*
• Implemented a hackathon project where teachers create coding tests and monitor student activity in real-time, and receive alerts for unauthorized tab switches.
• Provided live test statistics, enhancing exam integrity

Shortifyy 🔗 | *Typescript, Nodejs, Tailwind css, Supabase*   *June 2024*
• A URL shortener app with secure storage and QR code generation using Supabase sql db, improving user convenience.
• Streamlined URL management and broadened application functionality.

Website for college club 🔗 | *React, Tailwind css*   *May 2024*
• Designed, Developed and Maintaining a website for our college club showcasing about the club, events conducted, testimonials, team page etc.
• Deployed on Vercel for seamless updates.

The Coder Companion 🔗 | *React.js, Nodejs, Judge0 API, Gemini API*   *May 2024*
• An AI-powered coding platform guiding students through competitive programming challenges with an interactive assistant.
• Integrated Judge0 for solution evaluation, fostering problem-solving skills.

TaskManager 🔗 | *C++*   *July 2023*
• 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.

More projects in detail at my ***portfolio website***

ACHIEVEMENTS

- Achieved 3rd place in a startup race competition for pioneering a waste management solution focusing on waste recycling 🔗

CERTIFICATIONS

- A **certificate** from Udemy on "Google Cloud Platform" course   *Oct 2023*
- A **certificate** from NPTEL on "Programming Using Python"   *Sept 2023*
- A **certificate** from Coursera on "Supervised Machine Learning"   *Jan 2024*