

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, II CGPA – 9.3

Narayana Junior College

2022

Intermediate Education - 97.8 %

SKILLS

Languages: C++, Python, SQL, Javascript

Libraries and Frameworks: Typescript, Reactjs, Flask, Node Js, MongoDB, Tailwind css

Tools: VS code, Git, Github, Canva, Vercel, Firebase, Postman, Supabase, AWS s3

PROJECTS

ResearchGPT | Typescript, Tailwind css, Supabase auth, Gemini API, Google api's

Aug 2024

- An AI-powered educational chatbot using the Gemini API with Supabase authentication, Framer landing page to provide a user-friendly interface.
- Enhanced the chatbot's functionality by generating follow-up questions and utilizing Google's custom search api to retrieve relevant search results and YouTube data api for youtube videos, serving as a comprehensive research partner.

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 database and AWS s3 bucket for files uploaded by user.

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.

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

Supervised Machine Learning (Coursera) | [CERTIFICATE](#)

Jan 2024

- Learned to build machine learning models in Python using popular machine learning libraries NumPy & scikit-learn
- Build & train supervised machine learning models for prediction & binary classification tasks, including linear regression & logistic regression

Fundamentals of Google cloud platform (Udemy) | [CERTIFICATE](#)

Oct 2023

- Acquired a knowledge of basics in cloud computing principles, gcp services, compute, networking, storage, and database services in Google Cloud Platform