

KARTHIKEYA VERUTURI

veruturikarthikeya@gmail.com linkedin.com/in/karthikeyaveruturi github.com/karthikeyaspace itskv.me

SUMMARY

Enthusiastic individual passionate about full-stack development, Python Programming, and Machine learning. Known for creative problem-solving and attention to detail. Collaborative team player with a passion for innovation and growth. I am continuously seeking opportunities for personal and professional development. I prioritize writing clean code and love anything that scales.

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, React, Flask, Node, MongoDB, Postgres, Tailwind, Fastapi, Nextjs, Prisma orm,

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

PROJECTS

Photolic | Nextjs, Typescript, Prisma, Postgres, Supabase, Google Oauth, Replicate API

Oct 2024

- AI-powered photorealistic image generator that uses the FLUX-schnell model using Replicate inference, enabling users to create stunning images with seamless integration of Next.js, Prisma-Postgres, and Google OAuth.
- The image generation process operates on a credit-based system. The application is seamlessly deployed on Vercel for high availability and performance.

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.

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 🏆
- Designed, Developed and Maintaining a website for our college club showcasing about the club, events conducted, testimonials, team page etc. 🏆
- Technical Head of VJ Dataquesters club.

CERTIFICATIONS

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

Jan 2024

Learned to build machine learning models in Python using popular machine learning libraries NumPy & scikit-learn

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