Siddharth Suresh

Computer Science Student at VIT Chennai

#958, 12th Cross, 3rd Block, 1st Stage, HBR Layout , Bangalore, Karnataka , 560043, India

March 13, 2002

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https://siddharthsuresh.me

siddharth-sureshn

TECHNICAL SKILLS

Frontend

Nextjs | HTML/CSS | React | Typescript | jQuery

Backend

MongoDB | Django | Nodejs | Firebase | Socket.IO | Expressjs | PostgreSQL | Blitzjs

Embedded Programming

Micropython | ESP8266 | ESP32 | Arduino

CERTIFICATIONS & ACHIEVEMENTS

Certificate of Excellence - Consistent Performer for AY 2018-2020
New Horizon PU College

Head Boy of Euro School 2017-18
Euro School

Meritorious Award 2021
Vellore Institute Of Technology

COMPUTER LANGUAGES

Python

TypeScript

JavaScript

Java

C & C++

LANGUAGES

English, Hindi, Tamil, Kannada

SKILLS

- Good written and spoken communication
- Team Player

EXTRA-CURRICULAR ACTIVITES

- FIDE Ranked Chess Player
- Basketball - Part of the school basketball team

HOBBIES

- Swimming
- Table Tennis
- Roller Skating

OPEN SOURCE CONTRIBUTIONS

Blitzjs
The Missing Fullstack Toolkit for Next.js
Collaborator / Maintainer
https://github.com/blitz-js/blitz
https://blitzjs.com/

WORK EXPERIENCE

FashionVerse (March 22, 2022 - April 28, 2022)
Frontend Freelance

- Implemented the *3D and AR* viewer for the NFTs
- Created the product page to view NFTs
- Improved User Experience by adding an animated Logo during page load

https://www.thefashionverse.io/

Art Portfolio Website
Developer
Creating a digital art portfolio which an interactive homepage using next.js and three.js
https://www.sanjanasuresh.art/

Full Stack Development (May 13, 2022 - Present)
Freelance

- Created a Full-Stack admin dashboard with authorized UI/UX
- Implemented authentication with a password and Google OAuth
- Securing payments via leading payment gateways
- Developed templating engine to generate custom-made forms used to generate PDF documents

EDUCATION

Vellore Institute of Technology, Chennai (September 21, 2020 - Present)
B. Tech Computer Science , Specialization in Cyber Physical Systems
9.03 CGPA
https://chennai.vit.ac.in/

New Horizon Pre-University Education (May 09, 2018 - July 14, 2020)
Second PUC, Science
DISTINCTION
94% (with languages) and **97%** (Physics, Chemistry, Math, Computer Science)
https://nhpuc.in/

Euro School North Campus (March 16, 2011 - March 28, 2018)
CBSE Class 10
95% (Math, Science, English) and **89%** (overall)
https://www.euroschoolindia.com/bengaluru/school-in-north-campus

AWARDS

Team of 3 won 1st place in h.acKnight 48-HOUR OFFLINE HACKATHON April 2022
Conducted by Hack Club VIT Chennai
Sponsored by CRUST and POLYGON
https://0xticket.vercel.app/

PROJECTS

Library Database Management
J Component Project For the CSE2004 Database Management Course.
GitHub Repository https://github.com/siddhsuresh/blueblack-Library-Database-Management
https://blueblack.pythonanywhere.com/

Django | SQL | Full-Stack | Opensource | tailwindcss

Automatic Temperature Controlled Fan with AI Voice Recognition
J Component Project For the CSE2006 Microprocessor and Interfacing Course
GitHub Repository https://github.com/siddhsuresh/ESP8266-Arduino-Voice-Temp-Fan-Motor-Automation
https://cse2006-team21.herokuapp.com/

ESP8266 | Voice Recognition | ExpressJS | Socket.IO | Arduino | tailwindcss

Distributed Real Time Irrigation System
J Component Project for the CSE2021 Distributed Real Time Systems Course
GitHub Repository - NextJS
https://github.com/siddhsuresh/DRTS-Project-Frontend
GitHub Repository - FastifyJS & Socket.IO
https://github.com/siddhsuresh/DRTS-Project-Backend
https://drtsprojectsiddharth.vercel.app/

Socket.IO | FastifyJS | NextJS & React | ESP32 & ESP8266 | freeRTOS & Arduino

MRI Classifier System (September 02, 2022 - November 24, 2022)
A machine learning model to classify brain tumors using MRI scans. The model was trained on the Kaggle dataset and deployed using Streamlit.
The model was trained using a Convolutional Neural Network and achieved an accuracy of 92.5% on the test set.
https://cse3505-mri-classifier.streamlit.app/

Python | Streamlit | Machine Learning | Tensorflow | CNN