



Siddharth Suresh

Computer Science Student at VIT Chennai

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March 13, 2002

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siddharth-sureshn

TECHNICAL SKILLS

Frontend

NextjsHTML/CSSReactTypescriptjQuery

Backend

MongoDBDjangoNodejsFirebaseSocket.IOExpressjsPostgreSQLBlitzjs

Embedded Programming

MicropythonESP8266ESP32Arduino

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

Frontend Freelance

(March 22, 2022 - April 28, 2022)

- Implemented the 3D and ARviewer 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

Freelance

(May 13, 2022 - Present)

- 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

https://juslegal.vercel.app/

EDUCATION

Vellore Institute of Technology, Chennai

B. Tech Computer Science , Specialization in Cyber Physical Systems

(September 21, 2020 - Present)

9.03 CGPA

https://chennai.vit.ac.in/

New Horizon Pre-University Education

Second PUC, Science

(May 09, 2018 - July 14, 2020)

DISTINCTION

94% (with languages) and 97% (Physics, Chemistry, Math, Computer Science)

https://nhpuc.in/

Euro School North Campus

CBSE Class 10

(March 16, 2011 - March 28, 2018)

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/

DjangoSQLFull-StackOpensourcetailwindcss

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/

ESP8266Voice RecognitionExpressJSWebSocketIOArduinotailwindcss

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://drtspromptsiddharth.vercel.app/

Socket.IOFastifyJSNextJS & ReactESP32 & ESP8266freeRTOS & Arduino

MRI Classifier System

A machine learning model to classify brain tumors using MRI scans. The model was trained on the Kaggle dataset and deployed using Streamlit.

(September 02, 2022 - November 24, 2022)

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/

PythonStreamlitMachine LearningTensorflowCNN