

SATHVIK PARTHASARATHY

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EDUCATION

BMS College of Engineering Bachelor of Information Science and Engineering CGPA: 8.95	2018-2022
Sri Kumaran composite PU college, Bangalore Class XII Graduated with an overall 93%	2016-2018
Sri Kumaran children's home, Bangalore Class X CGPA: 8.8	2015-2016

WORK EXPERIENCE

PHASESHIFT BMSCE - Web Design and Development Role: lead developer	AUG 2018
Vidya Sarathy & associates- Web Design and Development Role: lead developer	SEP 2018

PROJECTS

Facial Recognition using PCA

Principle Component Analysis analyses any new face the same way a brain does by looking for features. These features then help it distinguish that face with any another.

CAREER BOT

A Discord bot that spreads awareness about various career options to kids while keeping user interaction to a maximum. Discord being a popular for gaming is used by most of the kids today.

SMART HOME SIMULATION

A 3D smart home designed with JavaFX, It consists of features such as changing light color, playing video and a calorie counter. It has 4 rooms Livingroom, Bedroom. Kitchen and a gym with various features in them

PHASESHIFT 2018 WEBSITE

Designed and Developed the PHASESHIFT 2018 website for BMSCE

LIBRARY AUTOMATION

A Library software that gives each student/teacher an account from which he/she can issue or return a book and it is updated against his name. In the event where the user has passed his return date, an amount is deducted from his balance.

CHAT APPLICATION

A chat application that allows multiple users to text each other at any time with their username. all chats are stored in Google Firebase which is a NoSQL database.

WEATHER APPLICATION

It gives all the details of the weather of any place in the world with the help of AccuWeather API. All API calls made in JavaScript.

TECHNICAL STRENGTHS

Machine Learning	Python with SkLearn, NumPy, Tensor Flow
Website (coded)	HTML5, CSS, JavaScript, PHP
Frameworks	CodeIgniter, React
Programming	Java, C, C++, Python, BASH

AWARDS AND RECOGNITIONS

Sustainability Hackathon (2020)	Our team (QuantX) won First Place.
Code In the Dark (2020)	Our team won second place by replicating a website without looking at the output at any given point of the competition.
Jam Sandwich Algorithm (2020)	Our team won Second Place, in which we had to give an algorithm which depicts how an AI bot would process a task.
south zone tennis tournament	Won 4 th place in south zone, Karnataka India
UNSW GLOBAL science award	Recognised for the award
UNSW GLOBAL Maths award	Recognised for the award
International German quiz-2013	Placed in top 10%
Kumaran Model United Nations	Participated in the MUN.
IAPY	Received Bronze Award
National tennis tournament, Bangalore	Judged Winner
Leadership development program held in belihuloya, srilanka	Completed the program