NIKHIL VENKAT KUMSETTY

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EDUCATION

National Institute of Technology Karnataka (NITK) Aug. 2018 - Current
Bachelor of Technology Information Technology 2022
CGPA : 7.15/10

Sri Chaitanya Techno school (CBSE) Aug. 2015 - June 2017
Class 12 Percentage : 80%

The Global Edge School (CBSE) June 2011 - June 2015
Class 10 CGPA : 9.2

SKILLS

PROGRAMMING LANGUAGES: C (adept), C++ (adept), Java (adept), Python (adept), JavaScript (familiar), SQL (familiar), Ruby (familiar)
RELEVANT TOOLS/FRAMEWORKS: Node JS, MongoDB, MySQL, React Hooks
RELEVANT COURSEWORK: Data Structures and Algorithms, Operating Systems, Computer Communication and Networking, Object Oriented Programming, Web Technologies and Applications, Database Systems, Automata and Compiler Design, Introduction to Data Science in python

PROJECTS

Real-Time Salient Object Detection with a Minimum Mar. 2020 - May
Spanning Tree 2020
Extraction of salient objects by computing the distances to the boundaries of the image using distance transform
Extensive evaluations show that the proposed algorithm achieves the leading performance in terms of efficiency and accuracy

Marketplace : An e-commerce web application Apr. 2020 - June 2020
Implemented searching/filtering based on categories and price range, authentication based on JWT, flexible private and admin routing system using Node JS
Built layouts and routes such as Order Management System by Admin and Local Storage for CRUD operations on products to Minimize Requests to backend using React Hooks

Driver drowsiness detection system using Python and Oct. 2019 - Nov.
OpenCV 2019
Implementing facial landmark detection and developing a function for eye detection
Implementing the Eye Aspect Ratio (EAR) and developing a function to compute EAR and check with EAR threshold.

Remote Electronic Voting System Feb. 2019 - Mar. 2019
A terminal program for election process in which a person can cast vote from any place.
Implemented using RSA algorithm to encrypt and decrypt data.

AWARDS

Introduction to Data Science in Python, *University of Michigan* June 2020
https://coursera.org/share/d5ca55904b033ff6a7ff70182372faa6

Self-taught programmer, *Cory Althoff, Instructor* Mar. 2020
The Definitive Guide to Programming Professionally
https://github.com/nikhilvenkatkumsetty/certificates/blob/master/self_taught%20certificate.pdf

Artificial Intelligence, *Verzeo* Jan. 2019
https://github.com/nikhilvenkatkumsetty/certificates/blob/master/AI%20-%20internship%20certificate.pdf

ACTIVITIES

Chess, *Blitz Rank: 1163* 2012 - Current