JONATHAN SAMUEL JAYASEELAN

Course : **B.E. (Hons.)**, Electronics & Communication, 2022
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CGPA : 6.52

ACADEMIC DETAILS

COURSE	INSTITUTE/COLLEGE	BOARD/UNIVERSITY	SCORE	YEAR
CLASS XII	Chennai Public School	CBSE	459 MARKS	2018
CLASS X	SBOA School And Junior College	CBSE	9.4 CGPA	2016

Subjects / Electives	Computer Programming, Microprocessors and Interfacing, Digital Design, Probability and Statistics, Foundations of Data Science
Technical Proficiency	C++, JavaScript, Node.js, Express.js, MongoDB, React, React Native, Python, HTML + CSS, Competitive Programming, C Programming

COMPETITIONS

Zonal Informatics Olympiad (ZIO)   Nov, 2017
Ranked in the top 120 students all over India and got qualified to write INOI 2018.

SUMMER INTERNSHIP / WORK EXPERIENCE

Summer Intern, RMJ Automation Solution and Training Pvt. Ltd.   May 2020 - Jun 2020
- Worked in a team of 5 to develop an automation system to handle the raw materials for Steel Authority of India Limited (SAIL).
- Designed a user friendly SCADA interface for easy control over all the conveyors in the industry which have automatic and manual mode.
- The automatic mode was designed using ladder programming with PLCs, taking into account of all the emergency responses and the exceptions which can occur.
- Softwares used: Citect Studio, Control Expert and WPLSoft.

PROJECTS

Foodify - Web Development   Aug 2020 - Sep 2020
- **Full Stack Web Application** to help multiple users buy and sell food items.
- Some features include live delivery tracking, dynamic cart, sorting and searching of food items and user verification.
- Technologies used: Node.js, Express.js, MongoDB, EJS, HTML, CSS and Bootstrap.

GitHub: https://github.com/Joe2k/Foodify   Live link: https://foodifyy.herokuapp.com

Predicting Insurance Amount - Machine Learning   Oct 2020 - Nov 2020
- Worked in a team of 3 to predict **Insurance Charges** using **Linear Regression** and **Polynomial Regression** with **Regularization** as a part of the Foundations of Data Science course at BITS Pilani, Hyderabad Campus.
- Libraries used: Numpy, Pandas and Matplotlib

Github Link : https://github.com/Joe2k/FoDS

EXTRA CURRICULAR ACTIVITIES

Crux
Active student member of CRUx - The Programming and Computing Club of BITS Pilani, Hyderabad Campus

Lights and Sound Department
Part of the department which manages the lights and sound systems for all the events which happen during cultural and technical fests.

Sports
Competitive **Ultimate Frisbee** player and also part of the college team - BPHC Ultimate. Participated in many tournaments and currently ranked at the 5th position among all the colleges in India.

Music
Completed Grade 5 Piano exam and Grade 5 Music Theory exam conducted by Associated Board of the Royal Schools of Music, London.