Shruthi Viju Nair

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EDUCATION

- **St Xavier's High School Nerul**
  SSC Board; Percentage: 95.8%
  Mumbai, India
  June 2014

- **Pace Science Junior College**
  HSC Board; Percentage: 89.23%
  Mumbai, India
  June 2016

- **Fr Conceicao Rodrigues Institute of Technology**
  Bachelor of Technology - Computer Engineering; CGPA: 9.14
  Mumbai, India
  August 2016 - October 2020
  Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Computer Network, Databases, Big Data, Software Engineering, Natural Language processing, Distributed Computing

- **KJ Somaiya College Of Engineering**
  Master of Technology - Computer Engineering
  Vidyavihar , Mumbai, India
  July 2021 - June 2023

ACADEMIC ACHIEVEMENT

- School SSC Examination Topper for the academic year 2013-2014
- Secured 3rd rank in college for Computer Engineering Exam of Semester 4 and Semester 5

SKILLS SUMMARY

- **Languages:**   Python, C, PHP, HTML, CSS , Bootsrap, Mysql, JavaScript, SQL, MongoDB, Node.js , Express.js , React JS ,Typescript,Java, C# , ASP .Net Core Frameworks, RDBMS Microsoft SQL server
- **Soft Skills:**   Leadership, Time Management

PROJECTS

- **Linux From scratch**: Developed programmer friendly operating system using linux from scratch , an operating system specifically for programmers , developers which will have minimal bloatwares and will have most commonly used APIs, SDKs Software Development Frameworks preinstalled. This OS will be light-weight that will require low disk space.(March 2019)
- **Firebase Web Application for Online Blood Bank System** : Firebase web application developed for storing the details of patient and the list of donors for Online Blood Bank System. Tech: Firebase, HTML,Javascript , CSS. (April 2020)
- **College Website**: (Work in progress)College website updation based on the requirement Tech: CakePHP, HTML,Javascript , CSS. (April 2019)
- **Smart Health Monitoring System (IOT, Blockchain)**: The system is designed to monitor the BPM value of the patient through pulse heart rate sensor which is connected to the patient through IoT. These values can be monitored by the concerned doctor on a real time based through the firebase web app & the android application that has been developed. If the readings of the sensor crosses the threshold value , an alert will be sent to the doctor so that the necessary treatment can be provided. The health data of the patient consulting a particular doctor are stored in the blockchain .Tech: Firebase, Android studio, HTML, Javascript, Arduino, PHP, Solidity (February 2020)
- **Enjoy Meal (Restaurant Application)**: The restaurant application consist of the master detail form for creating and managing orders for the customers. The details of the customers including the customer order and the total cost of the ordered food items are stored and retrieved using CRUD operations. ASP .NET Core Web Api is used to display the customer names and the respective customer order details. Tech: React JS and ASP .NET Core 5 (May 2021)

PUBLICATIONS

- **Paper: Smart Health Monitoring System (IOT, Blockchain)**:   Published by International Journal Of Engineering Research & Techmology (IJERT) Tech: Firebase, Android studio, HTML, Javascript, Arduino, PHP, Solidity (January 2020)

COURSE CERTIFICATION

- Data Science Orientation , Coursera IBM December , 2021
- Machine Learning to Deep Learning , ISRO IIRS Dehradun July, 2021
- Building an App with .Net Core and React , Udemy May , 2021
- The Complete 2021 Web Development Bootcamp , Udemy April , 2021
- Machine Learning Python and R Languages , Udemy March, 2021
- Blockchain Developer , Edureka April, 2019
- Big Data Analytics using Hadoop January, 2019
- Course completion for OCAJP & OCPJP - JAVA 8 August, 2018

ORGANIZATION

- **Event Organizer at Fr Conceicao Rodrigues Institute of Technology**
  Organizer for Aces 2018 and Aces2019 Computer Department seminar
  Mumbai, India
  January, 2019

- **College Fest Sports Event Organizer at Fr Conceicao Rodrigues Institute of Technology**
  Event Organizer for volleyball sports event conducted during college fest - FACES
  Mumbai, India
  August, 2018