

VAMSHI DUVVA

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EDUCATION

Birla Institute of Technology & Science Pilani - Hyderabad campus

Aug 2019 - Present

B.E. (Hons.), Computer Science, 2023

CGPA : 7.64

SKILLS

Relevant Coursework : Web Development , Database Management , Competitive Programming

Technical Proficiency : C++ , HTML , CSS , Python , JavaScript , JAVA , MySQL , MongoDB

WORK EXPERIENCE

Intern, Shalaka Connected Devices LLP

May 2021 - Jul 2021

- Cloud Web App for Data Acquisition System for Climate Monitoring System
- Web Application for collecting data over MQTT from Data Acquisition System to monitor climatic conditions, e.g., Temperature, temperature, relative humidity, illumination, etc.
- Saving the data received from MQTT to Cloud Databases and analyzing these data based on client requirements, and displaying the analyzed data in tabular format on a Browser-based web application page.
- Plotting graphs on some filtered data and setting & monitoring the edge cases and alerts.
- Role: A cloud-based web application to retrieve sensor data and present in a user-friendly GUI.
- Tech : Angular,javascript,html,css,mysql,MQTT

PROJECTS

- **HealthChain - block-chain , cryptography**

Apr 2022 - May 2022

- Making a blockchain - based solution to address issues in healthcare
- Storing the medical record of patients in blockchain format
- Providing authentication and verification by ZKP(Zero Knowledge Proof)
- Tech : Blockchain , java
- Github link : <https://github.com/Hell3ringer/HealthChain>

- **Course Feedback System** - *web development , Database Management Systems* *Feb 2021 - Apr 2021*
 - A DBMS web application for feedback transaction and course reviews
 - Students can view feedback of the courses and professors .
 - Students can give feedback to the registered courses , While Professors can view them. Feedback/review are completely anonymous.
 - Administrators can add/delete/modify courses, assign professors to the course.
 - Tech: MySQL , JavaScript , HTML ,CSS , React , XAMPP
 - Github link : https://github.com/Hell3ringer/dbms_project/tree/master
- **Service Transaction Portal** - *web development , software engineering* *Feb 2021 - Apr 2021*
 - A web portal to provide service between customers and professionals.
 - User authentication system
 - Customers can put the post publicly about the work or can search for the professional and contacts personally.
 - The customer can provide the feedback to the service he has taken from the professional.
 - The professional can keep the track on his work schedule.
 - Tech: React,javascript,html,css,mongoDB,express
 - Github link : <https://github.com/Hell3ringer/ServiceTransactionPortal-1>
- **Track N Trigger** - *android development , OOPS* *Oct 2020 - Dec 2020*
 - An android based OOPS-based project for inventory management and remainders.
 - User authentication by phone no or gmail
 - Keeping Track of groceries and other requirements
 - Reminder in advance for an upcoming activity
 - Sharing files via whatsapp and mail
 - Adding personal notes
 - "TO-DO" functionality
 - Skills: Java, Android Studio,google firebase
 - Github link : <https://github.com/Hell3ringer/TrackNTrigger/tree/master>

LANGUAGES KNOWN

- English
- Hindi
- Telugu