

# 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](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
  - Tech: Java, Android Studio,google firebase
  - Github link : <https://github.com/Hell3ringer/TrackNTrigger/tree/master>

## LANGUAGES KNOWN

- English
- Hindi
- Telugu