

Kommu Bala Eswar

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EDUCATION

Vellore Institute of Technology

B-Tech in Computer Science with specialization in Networking and Security - 8.65/10 CGPA

Amaravathi, Andhra Pradesh

Aug. 2019 – May 2023

Sri Chaitanya Junior College

Andhra Pradesh Board of Intermediate Education - 9.63/10 CGPA

Guntur, Andhra Pradesh

Aug. 2017 – May 2019

Narayana Techno School

Andhra Pradesh Board of Secondary Education - 9.7/10 GPA

Guntur, Andhra Pradesh

Aug. 2016 – May 2017

PROJECTS

Hospital Management System - Web Development | *HTML, CSS, JavaScript, PHP, MySQL*

June 2021 – July 2021

- A web application developed to computerize all the details regarding patients and hospitals.
- Users can also schedule appointments and services provided by different hospitals.
- Used MySQL as a database to store and retrieve all the data.
- **Tech Stack** : HTML, CSS, JavaScript, MySQL, PHP
- GitHub Link: [Link](#)

RSA Cryptosystem | *Java, Eclipse*

June 2021 – July 2021

- An application that enables users to encrypt and decrypt the data using RSA Algorithm.
- Java is used to implement this project. Eclipse 2020 is used for software coding.
- There are two sets of keys in this algorithm: a private key and a public key.
- It uses the receiver's public key to encrypt the data, and It uses the receiver's private key in decrypting the data.
- GitHub Link: [Link](#)

Prediction of presence of heart disease using Machine Learning Models | *Machine Learning*

May 2021 – May 2021

- Downloaded the data set from **Kaggle** site.
- Used google Colab to write and execute arbitrary python code.
- Performed machine learning algorithms; **logistic regression, SVM, KNN, Random Forest, Decision Tree** on the given dataset and compared their efficiency
- GitHub Link: [Link](#)

Smart phone controlled home automation | *Arduino*

Apr 2021 – Apr 2021

- Designed a home automation system built on Arduino UNO
- The smartphone sends control signals to switch home appliances ON or OFF by an android app through a Bluetooth interface.

ACHIEVEMENTS AND CERTIFICATIONS

Gold Badge Certificate - Big Data Foundation

- Earned a Gold Badge and Certificate for course Big Data Foundation by IT-ITes SSC NASSCOM
- Certificate Link: [Link](#)

Artificial Intelligence - SkillUp

- A self-paced course completion certificate on Artificial Intelligence by SkillUp foundation.
- Certificate Link: [Link](#)

Front End-Coding Ninjas

- Certificate of Excellence
- Certificate Link: [Link](#)

TECHNICAL SKILLS

Languages: Java, HTML, CSS, Basics in JavaScript

Database: MySQL

Developer Tools: Git, VS Code, Eclipse

Key Courses taken: Problem Solving Using Java, Data Structures and Algorithms(DSA), Object Oriented Programming(OOP), Operating Systems(OS), Database Management(DBMS), Artificial Intelligence