Sri Saranya

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# EDUCATION

## VNR VIGNYANA JYOTHI ENGINEERING COLLAGE

### BTECH IN COMPUTER SCIENCE

2021-PRESENT |HYD

Cum. GPA: 8.8 / 10.O

## SRI CHAITANYA JUNIOR COLLAGE

2019-2021| HYD

Percentage-98%

## P. OBUL REDDY PUBLIC SCHOOL

2019| HYD

Percentage-93%

# COURSEWORK

## UNDERGRADUATE

Data Structures

Operating Systems

Database Management Systems

Computer Networks

Algorithms

# SKILLS

## 

* Programming Languages: C,C++ Python, Java
* Web Technologies: HTML, CSS, Bootstrap, JavaScript
* Frameworks: React
* Database: Oracle SQL, MongoDB, NodeJS

# CERTIFICATION

* Earned the IBM Data Science Professional Certificate on Coursera
* Achieved Python Certification through Kaggle.
* Attained IBM Badge - Data Science Orientation
* Completed certification on Unix fundamentals.
* Certificate on prompt engineering

# PROJECTS

**CROP PREDICTION APPLICATION**

* Collaborated in a team of four to develop an application that harnessed web development and machine learning techniques.
* Implemented machine learning models to predict crop yields based on soil characteristics with an accuracy of 87%.
* The tailored application provides farmers with actionable, data-driven insights, cost efficient solutions and helping in sustainable farming methods.

**E-COMMERCE WEBSITE**

* Developed a comprehensive e-commerce website tailored for a small-scale soap business having a customer base between 100-500 customers, utilizing MERN stack.
* Leveraged React to design and implement a visually appealing and user-friendly frontend, node.js to create a robust and efficient backend and integrated MongoDB for database management, enabling efficient data storage and retrieval
* It includes at least 20 soap products with images, responsive pages with a load time of less than 5 seconds and a robust shopping cart

**RANDOM PASSWORD GENERATOR**

Created a random password generator in JAVA.

Implemented the RandomStringGenerator from Apache Commons Text to generate strong and secure passwords with a minimum length of 8 characters.

# LEADERSHIP AND ACHIEVEMENTS:

# **COORDINATOR - STREETCAUSE (VNRVJIET)**

# Managed and guided a group of 5 volunteers in organizing and executing various social service activities.

# Spearheaded successful initiatives benefiting elderly, homeless, orphans etc.

# **COORDINATOR-MICROSOFT INNOVATION HUB(VNRVJIET)**

# Played a key role in club, collaborating with a team of 28 members.

# Organized hackathons and workshops.

# **HULT PRIZE EVENT (TEAM LEADER)**

# Led a four-member team to win 3rd prize, addressing sustainability in fashion industry.

# **SMART INDIA HACKATHON**

# Currently competing at the national level to showcase problem-solving and technical skills on a grand platform.