MUTNURI KARRTHIKEYA SARMA

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CAREER OBJECTIVE

I am a dedicated individual looking for a company that helps me to enhance my skills and sharpen my leadership qualities by having me to take up the challenging assignments and work on them along with my team which helps me to develop myself.I usally works Free and Open Source Technologies.

EDUCATION

Koneru lakshmaiah Eduaction foundation	*July 2020 - Present*
(Bachelor of Technology)	**Overall GPA: 8.42/10**
Department of Artificial Intelligence and Data Science	
SriGayatri Junior College	*June 2018 - 2020*
Intermediate	**Overall GPA: 9.38/10**
Nellore Ravindra Bharathi School	*June 2017 - 2018*
10th Standard	**Overall GPA: 10/10**

TECHNICAL STRENGTHS

Programming Languages	**Python, C/C++,Basics of Java**
Software & Tools	**HTML, CSS, Basics of JavaScript, Canva, Django Basics, DevOps, Hadoop, Cloud Fundamentals, Botpress, Apache Superset, Data Sceince, Basics of Linux, Git, Agile.**
Project Management Skills	**Task & Time Management, Work Distribution, Logical Thinking, Team Leading, Critical Analysis.**

PROJECTS

Interactive Web-Based Simulations for Balaswecha   **2nd July - 25th July 2021**
Summer Internship at Swecha AP

· I along with my team have developed a website along with some simulations on "Pollution and it's types" and later deployed the website into an OS named Balaswecha and made the OS available for the government school students.
· Technologies used : HTML, CSS, JS, Bootstrap, Git, Agile.

Exploratory data analysis in Python   **May - June 2022**

· As a team we made a Exploratory data analysis on insurance data of patients and predicted the charges of patients most acurately using simple polynomial regression.
· Technologies used : Python & it's libraries.

Placement Management System   **January - April 2022**

· I have built a dynamic website for an online Placement Management System, where I have used MYSQL database to store the sign up data and other placement data like resumes and certificates. I have used JDBC to connect to the data source and to retrieve and store the data based on the requirement.
· Technologies used : HTML, CSS, JS, JDBC, SQL.

Freedom Box **October 2022 - Present**

· It is an real time project where we went as a team to a place where went to a remote area and deployed a network based local storage sharing system and extended the existing wifi network to whole village using this network the local content is shared.
· Technologies used : Networking, DevOps, Server Deployment.
· Article: https://www.linkedin.com/pulse/freedombox-karrthikeya-sarma

NOTABLE WORKS

Freedom Box
Establishing Community Networks in 2 Villages of Andhra Pradesh.

· We as a team of Swecha went to few villages where there is no internet connectivity. We laid a fibre line and provided internet to a single point and there by using this Freedom box we have expanded the network across the whole village.

Student Speaker at KL GLUG

· As a student speaker at KL GLUG, a social and technological club at K L University, I have taken technical sessions on some of the technologies like HTML, Python, Apache Superset and also talked about Free and Open Source technologies.

Tech Works

· As a volunteer in SwechaAp we use to work on multiple free & open source technologies.We use these technologies to solve problems in rural areas.

Be A Maker

· As part of Be A Maker program I went to government schools and helped students to make the prototypes of the solutions for the problems that are identified by them.

ACHIEVEMENTS

I have won Smart India Hackathon by working on a problem statement related to online & offline class management.

EXTRA - CURRICULAR ACTIVITIES

Volunteer at Swecha AP(Non-Profit Organization)

Member of KL GLUG(GNU/LINUX User's Group) - Social & Technological Club