



MANGLAM

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[GitHub](#) [Linkedin](#)

EDUCATION

KLE TECHNOLOGICAL UNIVERSITY

B.E. Computer Science and Engineering(AI)

CGPA: 7.41

Hubballi

2021 - Present

Sunbeam English School Bhagwanpur

Higher Secondary

Percentage: 77.8%

Varanasi, Uttar Pradesh

2018 - 2020

SKILLS

Technical Skills: C, C++, Python, Computer Networks, Operating System, Data Structures and Algorithm, Object Oriented Programming, Bash, Database Management System, Machine Learning, Git, GitHub, SQL

Interpersonal Skills: Problem-solving, Leadership, Communication, Teamwork, Time management, Adaptability

PROJECTS

Parampara Cold Pressed Oil

- Designed the website layout and structure to reflect traditional values and modern accessibility, increasing user engagement by 84%
- Developed an interactive and responsive website using React and Redux for seamless state management, with a Node.js and Express.js backend connected to a MongoDB database, all hosted on AWS for reliable, scalable deployment.

Mental Health Prediction Using Machine Learning Algorithms

- Developed** a machine learning model using the **K-Neighbors Classifier** to predict mental health conditions
- Implemented** machine learning algorithms, achieving a prediction accuracy of up to **97.08%** using the K-Neighbors Classifier, and over **96%** with **Gradient Boosting** and **Random Forest algorithms**
- Utilized** a dataset of **1,257** entries and **27** attributes, including demographics and behavioral data, for comprehensive mental health predictions

BRTS-Simulator-Using-CPP

- Developed** a terminal-based **BRTS Simulator** using **C++** to manage bus transit operations efficiently.
- Implemented** features for **bus management**, allowing users to add, remove, and view bus details.
- Created** functionalities for **route management**, enabling users to create and manage bus routes.
- Integrated passenger tracking** to monitor boarding and alighting, and designed a **simple terminal-based interface** for user interaction.

CERTIFICATIONS

- Networking Basics by Cisco
- Operating Systems Basics by Cisco
- Technical Support Fundamentals Coursera by Google

ACHIEVEMENTS

- Open-Source Contributor – **Hacktoberfest 2024** Contributed to various open-source projects by implementing bug fixes, enhancing features, and optimizing code, fostering collaboration within the global developer community. Recognized with a Hacktoberfest badge for impactful contributions.
- Selected among 39000 students nationwide for Selection in **Central Hindu School (Banaras Hindu University)**
- Secured 5th Rank in Uttar Pradesh in **National Talent Search Examinaton Stage 1**