ULLAS M

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SKILLS

- **C • C++ • Python • HTML • CSS • JavaScript • React Js (basic) • MySQL • Git**

- **Docker, Node Js**

PROJECTS

Optimization Of Cornering Lights In Adaptive Headlamps :   September 2023 – Present

- Cornering lights use steering rotation-based algorithm (SGPSA) algorithm to adjust the direction of headlamps .
- Created and Integrated computer vision with SGPSA to optimize the existing solutions and enhance the performance of cornering lights in adaptive headlamp systems .
- We used the Matlab,Simulink,Roadrunner to do our project.

Book-store app using MERN stack: April 2023 – July 2023

- Designed and implemented the user interface using React Js, enhancing user experience with responsive design and smooth interactions.
- Engineered a Restful API with Express JS, enabling robust communication between the frontend and backend components.
- Developed a full-stack web application utilizing React, Express, and MongoDB Atlas to facilitate Create, Read, Update, and Delete (CRUD) operations on a book collection.

Spam mail detection: Feb 2023-March 2023

- Developed spam email classifier using Logistic Regression, achieving 95.4% accuracy.
- Extracted text features using TF-IDF vectorization, label encoding, and stop word removal.
- Validated model on unseen data, demonstrating effectiveness in spam identification using Numpy, Pandas and Scikit-learn.

ACHIEVEMENTS

- 2 Times Receiver of Distinction Award.
- KCET rank- 4444 in 2020.
- Successfully cleared the National Defence Academy (NDA) Examination, conducted by UPSC, in [2020].

CERTIFICATIONS

Python 101 for data science	**August 2022**
AWS Educate Introduction to Cloud 101	**March 2023**
Agile Virtual Experience Program	**August 2023**
Docker Best Practices by Great Learning	**March 2024**
OOPs concepts in C++ by Great Learning	**March 2024**

EXTRA CURRICULAR ACTIVITIES

Member of Dhruva Club -   **September 2022**

Attended the session on self-development which was organized by the senior students.
I understood how to work in a team with more than 8 -10 members.

EDUCATION

PES UNIVERSITY   **BENGALURU, KAR**
Bachelor of Engineering in Computer Science and Engineering   **December 2020 – June 2024**

- CGPA: 7.34
- Relevant Coursework: Computer Networks, SoftwareEngineering, Database Management Systems, Data Structures and Algorithms.

SIR MV P U COLLEGE   **DAVANAGERE, KAR**
PU College   **June 2018 – March 2020**

- Percentage: 89.99%
- Relevant Coursework: Physics, Chemistry, Mathematics, Electronics

MAHATMA GANDHI HIGH SCHOOL   **CHALLAKERE, KAR**
Secondary Education   **March 2017 – APRIL 2018**

- Percentage: 93.28%