YASHAS A M

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Education

Dayananda Sagar College Of Engineering	CGPA:9.21
B.E in Artificial Intelligence and Machine Learning	2021- 2025
Anmol PU Science College , DAVANGERE	83.16%
Class 12th	2016- 2018

Technical Skills

Languages: C, Java , Python, Javascript

Software: Git, MongoDB, Docker, Tableau, Firebase, Google Cloud.

Libraries/Frameworks: ReactJS, Tail wind, NextJS, ExpressJS, NodeJS, TensorFlow, Sci-kit Learn.

Expertise Area: MERN-Stack Development, REST-API, Web Applications, Machine Learning.

Experience

Machine Learning Intern , CellStrat   Oct 2022 - Dec 2022

- Completed a 3-month internship with CellStrat, focusing on Machine Learning and Deep Learning concepts. Gained hands-on experience with neural networks, including ANN, CNN, and RNN architectures. Worked on real-world projects, enhancing skills in data analytics and predictive modeling.

Data Analytics Intern , Nuevera InfoTech   Nov 2023 – Jan 2024

- Researched data analytics automation techniques to enhance efficiency. Retrieved and organized large datasets for accurate data analysis. Implemented data visualization techniques to create city-specific visual representations. Utilized data management strategies that increased data processing accuracy by 30%.

Projects

Currency Converter   **Live   GitHub**

- Developed a responsive Currency Converter web application using ReactJS, Tailwind CSS, and Vite. Integrated API for real-time currency data and hosted the project on Vercel for live deployment and seamless accessibility.
- **Technologies Used** : ReactJS, Tailwind CSS, Vite, Public API integration, and Vercel.

URL Shortner   **Live   Github**

- Developed a Full-stack URL shortener application using the MERN stack (MongoDB, Express.js, React.js, Node.js). Implemented short URL generation, analytics for generated URLs, and user authentication (sign-in/sign-up) functionalities.
- Implemented data visualization and analytical solutions using ChartJS, effectively transforming complex datasets into insightful charts and graphs to enhance data interpretation
- **Technologies Used** : Technologies Used : React.js, Tailwind, MongoDB , NodeJS, JWT, ChatJS

CaloriQ   **Github**

- Developed an intelligent calorie burn prediction model using Machine Learning with Python, leveraging the XGBoost Regressor model to achieve high accuracy in predicting calories burnt based on biometric data.
- Performed exploratory data analysis and feature correlation to enhance model performance, ensuring robust relationships between features such as heart rate, body temperature, and duration for optimized calorie burn predictions.
- **Technologies /Libraries Used** : Python, NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn (train_test_split, metrics), and XGBoost Regressor for model training and evaluation

Additional Experience and Awards

National Level Hackathon, Aventus   MAY 2024

Played a pivotal role as a key member of the core organizing team and technical committee for a prestigious national-level hackathon, overseeing the successful coordination and execution of the event that attracted over 200 participants.