

Udathu. Hari Hara Durga Vasisht Pranav

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EDUCATION

2021 - present	Bachelor's Degree at SRM University AP	(GPA: 7.7/10.0)
2021	Class 12th BIEAP at STAR COLLEGE PLATINUM CAMPUS	(887)
2019	Class 10th ICSE at St.Francis English Medium High School	(492/600)

SKILLS

Languages	Python, JavaScript, C, C++, Java .
Web Technologies	HTML5, CSS3, Flask, Node js, Express js, React.
Database Management	MongoDB, MySQL.
Machine Learning and Data Science	TensorFlow Scikit-Learn, Keras, PyTorch, Pandas, NumPy, Matplotlib, Seaborn, Jupyter Notebooks, SciPy.
Version Control and Collaboration	Git, Git hub.
Operating Systems	Linux, Windows.
Cloud services	Azure.
Containerization	Docker.

WORK EXPERIENCE

Intern at Techwave Consulting India Pvt Ltd	Jun 2023 - Aug 2023
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- Developed and deployed machine learning models for predictive analytics, enhancing decision-making processes and increasing forecasting accuracy within three months using Python and TensorFlow
- Conducted extensive data analysis and preprocessing for machine learning models, resulting in reduction in error rates and improved model performance
- Worked with Python, TensorFlow, and web development frameworks.

Research on Gene Expression-Based Classification of Tuberculosis	Aug 2023 - Dec 2023
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- implemented Random Forest and XGBoost classifiers to achieve high accuracy in TB classification. Optimized models using ensemble methods for feature selection, resulting in improved model efficiency and reliability.
- Executed comprehensive permutation importance analysis, uncovering key genetic markers for TB diagnosis, paving the way for innovative diagnostic techniques and enhancing diagnostic accuracy
- Employed a comprehensive suite of Python libraries (Scikit-Learn, Pandas, NumPy, Matplotlib, Seaborn) for data preprocessing, in-depth analysis, and robust model development.

PROJECTS

Auto ml

[link](#)

- Developed a user-friendly AutoML tool for streamlined Exploratory Data Analysis (EDA) and model training.
- Enabled efficient data uploading, robust EDA, and machine learning model training for regression and classification tasks.

Campus Connect

[link](#)

- Developed an anonymous chat application for students from various universities facilitating cross-university communication for knowledge exchange and networking.
- Enabled secure login using organization email addresses to ensure user privacy and data protection by using Firebase for authentication
- Utilized React.js for building a dynamic and responsive user interface.

wordPD

[link](#)

- Developed a Node.js and Express.js application with HTML/CSS for a daily email subscription service.
- Provided users with English words and meanings to enhance verbal reasoning skills and language proficiency.

Voice assistant

[link](#)

- Utilized Python to create a Voice Assistant service that showcases the transformative impact of modern technology on daily tasks.
- Empowered users to effortlessly execute tasks through intuitive voice commands, enhancing productivity in daily activities.
- Provided a seamless solution for diverse day-to-day tasks, leveraging contemporary technology to simplify user interactions.