ISURU SANDARUWAN

undergraduate Student

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SUMMARY

I am currently pursuing a Data Science Honours degree at the University of Peradeniya, with a strong focus on continuous learning in machine learning, data analytics, data visualization, and cloud technologies. Passionate about applying data-driven solutions to real-world problems, I actively enhance my skills through hands-on projects and self-learning. I also share my knowledge and experiences through my Medium blog, aiming to contribute to the data science community and inspire fellow learners.

EDUCATION

Advanced Level 2020
Com. Maths: B , Chemistry : B ,Physics : C

Diploma in IT(DITEC) 2022
Esoft Metro Campus - Ratnapura

TECHNICAL SKILLS

- **Programming Languages :** Java , Python , R , C , javascript
- **Frameworks & Libraries :** React ,Node.js, Pandas,Numpy
- **Version Control :** Git ,GitHub
- **Database Management :** MySql ,mongoDB
- **Development Tools** : Docker
- **Data Analysis** : SPSS

MEMBERSHIPS

- I am a member of the Data Science Society (DataEX) at the University of Peradeniya.
- I am a member of the Statistical Society at the University of Peradeniya.
- I am a member of the Art Circle at the University of Peradeniya.

SKILLS

- Leardership & Management
- Team work
- Communication Skill
- Quick Adeptabilit

PROJECTS

Fully Responsive Blogger Site (MERN Stack)

| 2025 - Ongoing

- Developed a responsive and user-friendly blogging platform using MERN Stack
- Designed an interactive UI using Tailwind CSS.
- Integrated authentication, user roles, and database management.
- Github Repository : Blogger

Student Management System

Esoft Metro Campus | June 2022

- Designed and implemented a Student Management System using C# and SQL.
- Developed features for student enrollment, deletion, and update.
- Optimized database queries for faster performance.
- Developed using Visual Studio for seamless integration and debugging.
- GitHub Repository : student management system

MINI PROJECTS

Sentiment Analysis Web Application (Python + Azure)

- Developed a Flask-based web app that performs real-time sentiment classification using Azure Cognitive Services (Text Analytics).
- Trained multiple machine learning models including Logistic Regression, Naïve Bayes, Decision Tree, and K-Nearest Neighbors, then selected the model with the highest accuracy for deployment.
- Implemented CI/CD via GitHub Actions in .github/workflows/, enabling automated deployment to Azure App Services.
- Managed dependencies with requirements.txt and utilized Jupyter notebooks for initial data exploration.
- Web App : https://sentimentanalysismlproject-.azurewebsites.net