MOHANA PRASATH G

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🌐 https://mohana-prasath-2005.github.io/portfolio/

H https://www.hackerrank.com/profile/MOHAN_2005

Education

Nandha Engineering College - Department of Computer Science and Engineering

Current **CGPA** : 9.28   2022– present | Erode

12th - URCPMHSS
Percentage 85%   2021 – 2022 | Erode

10th - URCPMHSS
Percentage 75%   2019 – 2020 | Erode

Technical Skills

Programming Languages:
Python, C&C++ (Basic), Java (Basic)

DataBase Management:
MySQL, Mongo DB

Web Development:
HTML, CSS, JavaScript (Basic)

Developer Tools:
GitHub, VS Code, Power BI, Canva, Figma, Jupyter notebook, Excel (Proficient)

Frameworks:
Numpy, Pandas, Matplotlib, Seaborn, Express.Js

Experience

- Overall Student Joint Secretary of NEC
- Student Joint Secretary of CSE Department

Projects

LANGUAGE FUSION SYSTEM - TEAM LEADER (ONGOING)

We developing a web application integrating generative AI to teach students through animations, helping them improve their LSRW (Listening, Speaking, Reading, Writing) skills. The platform includes a ranking system to track progress and offers comprehensive learning materials and tests. Using Power BI, we can predict each student's strengths and weaknesses in LSRW skills. If a student is weak in any area, the AI provides personalized guidance on how to improve. Additionally, for speaking skills, students can interact directly with the AI to enhance their proficiency.

GOLD PRICE PREDICTION MODEL USING ML - TEAM LEADER

Built a predictive model using Elastic Net on a Kaggle dataset to forecast gold prices. Achieved low mean squared error and gained hands-on experience with scikit-learn and pandas.

STUDENT INFORMATION SYSTEM - TEAM LEADER

A Student Information System built using HTML, CSS, Express.js, and MySQL allows users to manage and display student data through a web interface, with MySQL storing the information, Express.js handling server-side logic, and HTML/CSS managing the front-end design.

Milestones in Learning and Innovation

- Diploma in C & C++ (MicroDots - 80%)
- Angular Web Developer (Infosys Springboard - 82%)
- UI/UX Design Internship (CodSoft)
- AI Foundation (Infosys Springboard - 97.5 %)
- Career Essentials in Data Analysis (Microsoft & Linkedin)
- Docker Foundations Professional Certificate (Linkedin)
- Master Microsoft Excel (Linkedin)
- Aptitude and Reasoning (2nd Prize)
- Data Analytics Course Completion (NoviTech)
- Digital Skills : User Experience (Accenture - 89%)
- Problem Solving - Basic (Hackerrank)
- SQL - Intermediate (Hackerrank)
- Applied Generative AI (Infosys Springboard - 82.5 %)
- Problem Solving through Programming in C (NPTEL - 58%)
- Cyber Security and Privacy (NPTEL - 55%)
- Agile Kanban (Infosys Springboard - 79%)