

# MOHANA PRASATH G

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## Education

<b>Nandha Engineering College</b> Current CGPA : 9.31	2022– present   Erode
<b>12th - URCPMHSS</b> Percentage 85%	2021 – 2022   Erode
<b>10th - URCPMHSS</b> Percentage 75%	2019 – 2020   Erode

## Technical Skills

<b>Programming Languages:</b> Python, C (Basic), Java (Basic)	<b>Web Development:</b> HTML, CSS, JavaScript (Basic)	<b>Frameworks:</b> Numpy, Pandas, Matplotlib, Seaborn
<b>DataBase Management:</b> MySQL	<b>Developer Tools:</b> GitHub, VS Code, Power BI, Canva, Figma, Jupyter notebook, Excel (Proficient)	

## 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.

## Languages

- Tamil
- English

## Achievements

- Aptitude and Reasoning (2nd Prize)
- Python Quiz & Reasoning (2nd Prize)
- NPTEL - Problem Solving through Programming in C (58%)
- Code Cracking (2nd Prize)
- CodSoft (UI/UX Design Internship)
- Data Analytics Course Completion (NoviTech)
- Diploma in C & C++ (MicroDots)
- SQL - Intermediate (Hackerrank)