Udith Kumar Maddi

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WORK EXPERIENCE

Frontend Developer Intern — Interpe   12/2023 - 01/2024

- Developed and deployed a scientific calculator, e-commerce website, to-do list, and 4 Connects game, reaching over 1,000 active users.
- Implemented features using HTML, CSS, and JavaScript, resulting in a 30% increase in user engagement.

Data Analyst Intern — APSSDC   06/2023 - 08/2023

- Analyzed Udemy data using Python, identifying key trends and insights that led to a 20% increase in course enrollment.
- Conducted data cleaning and visualization, resulting in a 25% reduction in data processing time.

Research(Block Chain) — SRMAP   06/2023 - 09/2023

- Collaborated on a blockchain security project, implementing security layers using SGX technology.
- Improved transaction processing speed by 40% through optimization techniques.

Research(Waveguide) — SRMAP   08/2023 - Present

- Contributing to a waveguide project focusing on photonic devices, aiming to enhance data transmission efficiency by 50%.
- Currently developing novel waveguide designs for practical applications.

PROJECTS

Student Record Management System — C++   Link
This C++ program manages student records with 7 functions and 6 arrays, offering essential operations through a menu interface for dynamic record handling and error-free user interaction.

Enhancing Udemy with Data Analysis — Python   Link
Data cleaning, filtering, grouping, sorting, aggregations, and visualization in analysis.

Time Series Analysis — MySQL   Link
To analyze sales data from a superstore. Tasks included database setup, data insertion, calculation of metrics like sales ranking, monthly averages, and consecutive day discounts, aiding decision-making and trend analysis.

Global Super Store — Power BI   Link
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EDUCATION

2021 - 2025	B-Tech in Computer Science and Engineering at **SRMAP University, Amaravathi**	(CGPA: 7.95)
2019 - 2021	Intermediate at **Sri Sanjivini College, Visakhapatnam**	(Percentage: 88.7)
2018 - 2019	10th Grade at **KKR Gowtham School, Visakhapatnam**	(CGPA: 9.2)

ACHIEVEMENTS

- **LeetCode (SQL) Badge**: Completed 50 days of SQL challenges on the LeetCode platform and earned a badge.
- **Coca-Cola Hackathon**: Participated in a hackathon organized by Hindustan Coca-Cola Beverages.
- **Amazon Hackathon**: Participated and advanced to the second round in a hackathon hosted by Amazon.

SKILLS

Languages:	C++, Python.
Web Development:	HTML, CSS, JavaScript.
Database Management:	MySQL.
Data Analytics:	MySQL, Excel, PowerBi.