

# KYMANOJ REDDY

CSUndergraduate

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## EDUCATION

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**B.Tech CSE-AIML, KMIT** 2023 – Present

**Intermediate MPC, Sri chaitanya** 2023

## TECHNICAL SKILLS

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### Python

Streamlit, Pandas, Seaborn, Matplotlib, Numpy, Scikitlearn

### Deep Leaming

Artificial Neural Networks, Convolutional Neural Networks, Recuurent Neural Networks

### Databases

MySQL, MongoDB,postgreSQL

### Version Control

GitHub

### Machine Learning

Data Manipulation& Visualization, Supervised and Unsupervised Learning, ML(Linear&LogisticRegression, Ridge & Lasso Regression, KNN, Decision Tree, RandomForest)

### Programming

CPP, Java, Python,CProgramming, DSA

### Web Development

HTML, CSS, Tailwind, JavaScript, MERN (MongoDB,express.js, react JS, node.js), Flask

### Tools

Jupyter Notebook, VSCode

## PROJECTS

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### Code Forge

- Built **Code Forge**, a full-stack AI-driven coding platform using **React**, **Node.js**, **Supabase**, and **PostgreSQL**, designed to deliver personalized DSA practice.
- Engineered a scalable backend with dynamic schema to track user progress, weaknesses, subtopic mastery, and submission history in real time.
- Integrated **DeepSeek API** for automated code analysis to identify user weaknesses and update progress metrics after each submission.
- Deployed the platform live at **codeforge-012.netlify.app** 🌐 with responsive UI and functional submission flow.

### Ipl match Prediction system

- Built an advanced **IPL match prediction system** combining **machine learning**, **deep learning**, and **statistical analysis** to forecast match outcomes based on historical and contextual data.
- Designed and trained multiple models using **Python**, **scikit-learn**, and **Keras**, applying techniques like feature engineering, ensemble learning, and model tuning for improved accuracy.
- Created insightful data visualizations using **Matplotlib** and **Seaborn** to analyze team performance trends, player stats, and match conditions.
- Developed a fully responsive frontend using the **MERN stack**, allowing users to input match parameters and receive real-time predictions through an integrated backend. git repo: <https://github.com/Manojreddykamasani/ipl-prediction-with-login-system> 🌐

## Ajaika

- Developed an E-commerce website with react using dummy api
- it has responsive and clean ui with tailwind css and deployed in vercel live site: <https://ajaika.vercel.app/> 

## CERTIFICATIONS

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- Data analysis in python at IBM
- React js at Scaler