

Ranjith kumar Mummadi

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SUMMARY

Recent Computer Science graduate focused on Full Stack and Agentic AI development. Skilled in Python, OOP, and SQL-based backend systems, with an interest in building scalable AI-powered applications. Strong problem-solving abilities and eager to contribute to real-world intelligent systems while growing as an AI engineer.

EDUCATION

DR. M.G.R Educational & Research Institute

Bachelor of Technology – Computer Science and Engineering

CGPA: 7.8/10

Aug 2021 – May 2025

Intermediate (Class XII)

MJPAPBC Junior College

CGPA: 8.5/10

Apr 2019 – Mar 2021

SSC (Class X)

APSWR School

CGPA: 6.8/10

Jun 2018 – Mar 2018

PROJECTS

Multi-Website E-commerce Scraper | [GitHub](#)

Jan 2025 – Feb 2026

- Developed a **Python-based web scraping pipeline** to collect product data (title, price, rating, and product URL) from multiple e-commerce websites.
- Implemented **asynchronous scraping using aiohttp** to efficiently handle multiple HTTP requests and improve scraping performance.
- Extracted structured data from HTML pages using **BeautifulSoup** and applied data cleaning techniques.
- Designed a **modular scraper architecture** with separate modules for configuration, scraping logic, and data processing.
- Stored scraped data in a **SQLite database and exported results to CSV** for analysis and reporting.

Classification of Chronic Kidney Disease Using Machine Learning Classifiers | [GitHub](#)

Jul 2024 – Apr 2025

- Collaborated with a 3-member team Collaborated with a team to design a machine learning solution for early CKD detection, focusing on accuracy and usability in healthcare.
- Engineered an innovative CKD screening solution with 90% reliability, increasing assessment accuracy and boosting patient outcomes within the clinical environment
- Reduced false positives by 10% through targeted data preprocessing, boosting medical practitioners' trust and improving the accuracy of diagnoses from the developed diagnostic tools
- Streamlined patient care delivery by decreasing diagnosis time by 25%, enabling healthcare professionals to make quicker clinical decisions, thereby improving overall treatment outcomes

TECHNICAL SKILLS

Programming: Python (NumPy, Pandas)

Web Scraping: BeautifulSoup, aiohttp, HTML Parsing

Data Processing: Pandas, Data Cleaning, CSV/Excel Handling

Databases: MySQL, SQLite

Tools: Git, GitHub, Jupyter Notebook

Visualization: Matplotlib, Seaborn

CERTIFICATIONS

- Python for Data Science – NPTEL**

SOFT SKILLS

- Problem Solving, Presentation, Leadership, Adaptability, Time-Management, Team Building, Communication