

KUSUMA KOMMISSETTI

Polavaram, Andhra Pradesh | 8247780318 | kusumakommisetti7849@gmail.com

Websites, Portfolios, Profiles

- <https://github.com/Kusuma2004>
- www.linkedin.com/in/kusuma-kommisetti-63833b252

Professional Summary

I am an AI and Data Science undergraduate with a CGPA of 9.47. I am skilled in Machine Learning, full-stack development (React, Node.js, Python), and building MongoDB-backed web applications. Experienced in designing intuitive UI/UX for optimal user experiences. Committed to delivering innovative and user-friendly solutions.

Skills

- **Frontend:** HTML, CSS, Bootstrap, JavaScript, React.js
- **Backend:** Python, Express, Node.js
- **Databases:** SQLite, MongoDB
- **Programming:** AI / ML, C, C++, Data Structures & Algorithms, NumPy

Education

NXT wave Disruptive Technologies

Industry Ready Certification in Full-stack Development

Oct 2022

SAGI RAMAKRISHNAM RAJU ENGINEERING COLLEGE, BHIMAVARM

B Tech (Bachelor of Technology) in Artificial Intelligence & Data Science, CGPA: 9.4

2022-2026

Experience

Aquagenix pro (Data science Intern)

Feb 2025 - May 2025

- Worked with real-world data sourced from MongoDB to build, train, and optimize machine learning models for predictive analysis. Utilized Python, Pandas, NumPy, and scikit-learn for data preprocessing and model development.
- Engineered features and Applied Support Vector Machines (SVM) and Linear Regression to solve classification and regression problems.
- Improved model accuracy by 75% through hyperparameter tuning and validation technique.

Projects

Nxt Trendz (ECommerce Clone - Amazon, Flipkart)

Rolled out an innovative e-commerce platform patterned after Amazon and Flipkart.

- Designed pages for Login, Products, and Product details with React Router and React components.
- Ensured user security through JWT tokens, REST API calls, and local storage.

Technologies used: React JS, JS, CSS, Bootstrap, Routing, REST API Calls, Local Storage, JWT Token, Authorization, Authentication

Wikipedia Search Application

Unlock the vast wealth of knowledge on Wikipedia with a custom search application that delivers relevant and curated results. Quick and easy access to information has never been easier.

- Well Structured search results with HTML list elements, styled with CSS, Bootstrap, and a responsive design that adapts to any device.
- Seamlessly access information with the power of asynchronous fetch GET HTTP API calls and the ability to open the desired result in a new tab for further reading.

Technologies used: HTML, CSS, JS, REST API Calls, Bootstrap

CROPIQ (smart agriculture)

- Developed CropIQ, a smart agriculture website predicting crop yield, recommending crops and fertilizers using ML.
- Integrated JWT-based auth with MongoDB for personalized history.
- Features a responsive UI, animated dashboard, chart-based insights, and is deployed on Vercel.

Technologies used: JavaScript, Bootstrap, React.js, Node.js, Python

ACHIEVEMENTS

- Achieved second place in my branch (Artificial Intelligence & Data Science based on academic performance).
- Achieved Elite Silver distinction in the Python for Data Science course offered by NPTEL

Certifications

- ML in Aws academy
- Project Completion Certificate Using Power BI(NXTWAVE) by attending Mega Workshop.