

AKASH RAJ R

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EDUCATION

SRI SAIRAM ENGINEERING COLLEGE, CHENNAI

Bachelor of Technology, Artificial Intelligence and Data Science (Sep-2025) Cumulative GPA: 8.50

NAZARETH MATRICULATION AND HIGHER SEC SCHOOL, CHENNAI

HSLC(APR-2021) GPA: 9.20

PROJECTS

FULL STACK E-COMMERCE WEB APPLICATION

Dec-2023

(Payload CMS)

- Designed an intuitive shopping cart interface, ensuring smooth and hassle-free checkout process.
- Employed optimization techniques to enhance the application's speed and scalability.
- Leveraged Payload CMS to empower the client with a user-friendly content management system.

EMPLOYEE ATTRITION PREDICTION MACHINE LEARNING MODEL

Nov-2023

(Multiple Linear Regression Model)

- Engineered a machine learning driven employee attrition prediction model with the goal of bolstering workforce management strategies and minimizing turnover.
- Targeted the complexities associated with employee attrition and sought to elevate the precision of predictions to enhance decision-making processes within human resources.
- Resulted with an accuracy of 76%.

CROP PREDICTION SYSTEM

Oct-2023

(Decision Tree Algorithm)

- Gathered diverse datasets encompassing soil quality, weather patterns, historical crop yields, and other relevant agricultural parameters.
- Fine-tuned hyperparameters to enhance the model's accuracy and generalization across different agricultural regions.
- Designed an intuitive and user-friendly interface accessible to farmers.

ZOMATO DATASET ANALYSIS & VISUALIZATION

Sep-2023

(Analytics Model)

- Identified key factors influencing restaurant ratings, customer preferences, and pricing strategies.
- Incorporated geographical data to analyse regional variations in restaurant characteristics and user preferences.
- Presented findings in a comprehensive report, highlighting key takeaways and actionable strategies for stakeholders.

SKILLS

- **COMPUTER:** Proficient in Microsoft Excel, Data Visualization, Machine Learning Model, Python (Flask), Web Development (React JS), UI/UX Design (Figma), Basic Networking.
- **LANGUAGES:** English (Fluent), Hindi (Fluent), Tamil (Native)

CERTIFICATIONS

Google: UX Design Professional Certification, IBM: Introduction to Data Science, Introduction to Cloud Development, Cisco: Cybersecurity Essentials, Stanford University: Supervised Machine Learning, Regression and Classification, Deep Learning Algorithms.

INTERESTS

Active Stock Market Investor (NSE-NASDAQ-FOREX-Crypto), Enjoys long drive, travel, music, Interest in bikes, hiking & outdoor adventures.