


K. KANIMOZHI

 Salem

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PROFILE SUMMARY

Motivated and detail-focused B.Tech undergraduate pursuing a specialization in Artificial Intelligence and Data Science. Possesses a robust understanding of intelligent systems, algorithm development, and computational analysis. Experienced in programming with Python and creating insightful visual representations of data. Demonstrated ability to design and train machine learning models through various academic projects. Quick to learn, analytically strong, and enthusiastic about applying innovative data-driven techniques to solve real-world challenges. Committed to continuous growth and contributing meaningfully to tech-driven environments.

EDUCATION



- B.Tech AI&DS
- Saraswathi Matric Higher Secondary School
- Salem,Attur
- 2027
- 7.7

LANGUAGES

- English
- Tamil

SKILLS



- **Programming languages like Python, Java, HTML, CSS** :Foundational knowledge of Python, Java, HTML, and CSS with experience in writing simple programs, creating basic web pages, and understanding core programming concepts. Eager to learn and grow in full-stack development.
- **Machine Learning and DBMS** :Familiar with Machine Learning concepts and basic algorithms, along with foundational knowledge of Database Management Systems (DBMS), including data storage, SQL queries, and relational models. Enthusiastic about applying data-driven approaches to real-world problems.
- **Data Structure Algorithms** :Skilled in fundamental Data Structures and Algorithms(DSA), including arrays, linked lists, stacks, queues, sorting, and searching techniques. Able to solve basic coding problems and optimize solutions.

PROJECTS

- **Product Demand Prediction(a ML model)** - Developed a Machine Learning model for Product Demand Prediction using historical data to forecast future demand. Applied data preprocessing, feature selection, and regression techniques to improve accuracy. Python, Pandas, Scikit-learn, Matplotlib tools are used.
- **Organize Me Chatbot** - Developed a basic AI-powered chatbot to assist users in organizing tasks and information. Used Python and Natural Language Processing (NLP) to interpret user input and provide structured responses. Designed for ease of use, with functionalities like task reminders, note management, and simple conversation handling.
- **Gym Guide Website** - Created a professional and responsive fitness website to guide users on workouts, nutrition, and wellness. Built using HTML, CSS, and JavaScript with user-friendly navigation, informative content, and visually engaging design. Focused on delivering a clean UI and seamless user experience for fitness enthusiasts.

AWARDS

- Qlik - Qlik Sense Business Analyst [2024]
- NPTEL - IOT(Internet of Things)
- Freedom with AI
- The Linux Foundation-Introduction to Kubernetes
- Certificate of RDBMS Postgresql Training