S R JAYAMATHI

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CAREER OBJECTIVE

Highly motivated Computer Science student with a strong interest in Artificial Intelligence seeking a challenging entry-level position to leverage my programming skills and analytical abilities in developing and implementing AI solutions.

PROJECTS

FARMING FINANCE MANAGEMENT SYSTEM

Developed a Farming Finance Management System to help farmers track income, expenses, and forecast earnings, using Python and Django. Improved financial decision-making and profitability through real-time financial analysis and user-friendly interface.

PLANT DISEASE DETECTIONS USING LEAF LESIONS

Developed a machine learning model for plant disease detection, utilizing CNNs to accurately identify and classify diseases based on leaf lesions, improving early diagnosis and crop management strategies.

BREAST CANCER PREDICTION

Developed a breast cancer prediction model utilizing the Wisconsin Breast Cancer Dataset, applying machine learning algorithms to classify tumors as benign or malignant, enhancing early detection and supporting informed clinical decisions.

AUTHENTECH: DIGITAL EVIDENCE AUTHENTICATION

Developed an AI-driven evidence authentication system, **AuthenTech**, using CNN models like InceptionResNetV2, VGG19, and Xception to detect image and video manipulations, ensuring forensic authenticity and integrated with a front-end application for seamless user interaction and automated evidence verification.

EDUCATION

SRM Valliammai Engineering College   **2021 – 2025**

- B.E- Computer Science and Engineering - CGPA - **8.2**   Chengalpattu, Tamil Nadu

Higher Secondary Education   **2020 – 2021**

- Narayana E-Techno School - **93%**   Chennai, Tamil Nadu

Secondary Schooling   **2018– 2019**

- Maharishi Vidya Mandir - **86%**   Tiruvannamalai, Tamil Nadu

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LANGUAGES

- Tamil, English, Hindi (read and write).

INTERNSHIPS

- **Bhawan Cyber Tek pvt.ltd**, worked as an intern on **Full Stack development**   **JUN-JUL2023**
  Under CMA Team Thoraipakkam.

- **SHIASH INFO SOLUTIONS,** Worked as an intern on **Machine Learning**   **JUNE 2024**
  Shollinganallur.

SKILLS

- **Programming Languages**: Python, HTML, CSS, Java script(basics), Java(basics)
- **Data Science**: EDA, Data Processing, Data Visualization, Statistical Modeling
- **Data Analysis Tools**: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, NLTK (Natural Language Toolkit), TensorFlow, Keras
- **Database:** SQL(Basics)

CO-CURRICULAR ACTIVITIES

- Participated in Deep Vision Workshop at Anna University.   **April 2023**
- Participated in Cyber Security in the age of AI workshop at Anna University.   **Mar 2024**

CERTIFICATES

- MERN Stack Development (VEI Technologies)   Aug 2022
- Generative AI (GUVI)   Present

SOFT SKILLS

- Communication Skills
- Teamwork
- Adaptability
- Problem Solving
- Leadership
- Willingness to learn

MEMBERSHIPS

- Computer Society of India (CSI)
- National Service Scheme (NSS)
- AICTE

INTERESTS

- Artificial Intelligence
- Machine Learning
- Generative AI