Harini Ravichandran

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EDUCATION

Coimbatore Institute of Technology	2021-2026
M.Sc Artificial Intelligence & Machine Learning	*CGPA: 7.52*
St.Joseph's Matriculation Higher Secondary School	May 2021
	Percentage: 88.2

COURSEWORK

Courses: Machine Learning, Data Science, Full-Stack Web Development, AI Techniques, Neural Networks, Probability & Statistics

PROJECTS

Credit card fraud detection using ML — Jun 2023
- Employed logistic regression to build a predictive model aimed at discerning genuine from fraudulent credit card transactions.
- Conducted in-depth analysis of historical transaction data to uncover intricate patterns indicative of fraudulent activities.
- Achieved a high level of accuracy in detecting fraudulent transactions, enhancing security measures within financial systems.

Restaurant Reservation System — Dec 2023
- Conceptualized and designed an intuitive user interface facilitating seamless browsing of available restaurant options.
- Implemented dynamic features allowing users to select preferred date and time slots for making restaurant reservations.
- Engineered a robust backend system utilizing Node.js and Express.js to handle user requests, manage reservations, and interact with the MongoDB database.

Networked Video Streaming — July 2023
- Developed a Java-based project showcasing expertise in networking, video processing, server infrastructure, and user experience design for video streaming.
- Implemented robust networking protocols for seamless data transfer between clients and servers, ensuring high-quality streaming.
- Integrated advanced video processing algorithms for encoding, decoding, and transcoding video content to support various formats.

SKILLS

Languages: HTML/CSS, JavaScript/TypeScript, Python, Java, C, SQL
Tools: Git/GitHub, VS Code, Anaconda3, IntelliJ/Netbeans, MongoDb
Libraries: pandas, NumPy, Matplotlib

CERTIFICATIONS

Mobile App Development

Attended a workshop which described about the development of mobile app using Kotline

Machine Learning Workshop

Attended a workshop which explained about the basic ML concepts and Algorithms

Hackathon Event

Participated in a coding event conducted by GDSC-Summer Hackathon