

AMANRAJ SHARMA**EDUCATION**

SRM UNIVERSITY

B.Tech – 4th year student of Computer Science with specialization in AI & ML
Cumulative GPA: 8.34/10.00

Chennai, Tamil Nadu
Batch of 2024

TECHNICAL SKILLS

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|--------------------|-----------------|-----------------|-----------|
| • Machine Learning | • Data Analysis | • Deep Learning | • Tableau |
| • DSA | • OOPS | • Data Pipeline | • MYSQL |
| • C++/C | • Python | • Web Scraping | |
| • Tkinter | • Excel | | |

WORK EXPERIENCE

Delhi Technology University**Delhi***Machine Learning Intern***July 2023 – August 2023**

- Coordinated a 10+ member development team, ensuring effective communication and collaboration for successful project completion.
- Processed new creative processes by sharing the latest trends and development technologies with designers, resulting in a 20% increase in efficiency and productivity.
- Introduced Cybersecurity Analysis on Internet of Things Using Machine Learning Approach making up to 34% more efficient.

Suvidha Mahila Mandal**Remote***Data Analysis Intern***February 2023 – March 2023**

- Developed and optimized the Graph Transformer model for text generation from Knowledge Graphs, resulting in a 20% increase in text coherence and fluency.
- Collaborated with a cross-functional team to integrate the Text generation from Knowledge Graphs feature into an existing machine learning platform, resulting in a 30% improvement in user engagement.

PROJECTS

Customer Churn Analysis**November 2023 – December 2023**

- Analyzed the customer churn for the data of a telephonic company, finding out the reason behind the churn and predicting the further churn.
- Resolved distinguished ML models and dashboards for visual presentation of results on tableau.

Cybersecurity Analysis on Internet of Things**July 2023 – August 2023**

- Conducted comprehensive analysis on cybersecurity vulnerabilities in Internet of Things (IoT) devices, identifying and mitigating over 75% of potential threats, resulting in a reduced risk to company data and systems.

ROBOSPEAKER 1.1**June 2023 – July 2023**

- Implemented a state-of-the-art natural language processing algorithm, increasing speech recognition accuracy by 15% and reducing error rates by 20%.

Stellar Motion Determination**May 2023 – June 2023**

- Created a comprehensive data analysis algorithm to compare the observed wavelength with the known wavelength of hydrogen absorption, providing insights into the star's motion and velocity.

Crypto Stock Market Prediction**April 2023 – May 2023**

- Modernised real-time data processing system to gather and process social media data from big data sources, increasing the data set size by 50% and improving prediction accuracy by 20%.
- Developed machine learning algorithms to analyze social media sentiment, crypto prices, and stock market trends, resulting in a 75% accuracy rate in predicting crypto trading behavior.

Weather App**March 2023 – April 2023**

- Directed and deployed a user-friendly Python application that leverages API technology to deliver real-time weather data for any requested location, resulting in an average retrieval time of less than 2 seconds.

CERTIFICATIONS

- Google Machine Learning Professional
- AWS Academy Cloud Security Foundation
- Deep Learning Industry4.0 with Computer Vision (Workshop)
- Internshala Data Science
- Oracle Academy Database Foundation

ACHIEVEMENTS

Pre-Finalist	SIH Campus Hackathon.	April 2023
Participant	Layers Block Chain SRM	March 2023
Runner Up	HACKOPHILLIA SRM	January 2023

SOFT SKILLS

- Data interpretation
- Inventive Solution Finding
- Analytical Cognition
- Key Performance Indicators
- Skating
- Structured Thinking
- Handling pressure
- Business Intelligence
- Data Driven Decision Making
- Tabla
- Robust
- Data Storytelling
- Data Visualization
- Project Management
- Innovative
- Learner
- Management
- Communication