

NADHISH P M

B.Tech – CSE (Data Science) | SRMIST Tiruchirappalli

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EDUCATION

B.Tech – Computer Science & Engineering (Data Science)

2023 – 2027

SRM Institute of Science and Technology (SRMIST), Tiruchirappalli

Higher Secondary (Class XII)

Completed 2023

SRRI SPK Senior Secondary School

TECHNICAL SKILLS

Programming

Python, Java, C

Data Science

NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn

Databases

SQL, MySQL, MongoDB

AI & Deep Learning

Neural Networks, TensorFlow (Fundamentals)

Data Visualization

Tableau (Basics), Matplotlib, Seaborn

Tools & Platforms

Jupyter Notebook, Google Colab, Git, GitHub, VS Code

Web Basics

HTML, CSS

CERTIFICATIONS

Getting Started with Artificial Intelligence

IBM

Covered core AI concepts including machine learning, deep learning, natural language processing, and computer vision. Issued by IBM via Coursera.

RELEVANT COURSEWORK

- Data Structures and Algorithms
- Probability & Statistics for Data Science
- Machine Learning Fundamentals
- Database Management Systems
- Linear Algebra
- Python for Data Science
- Artificial Intelligence

PROJECTS

COVID-19 Public Health Dashboard

Python, Pandas, Matplotlib, Seaborn

- Cleaned and processed a country-wise COVID-19 dataset for analysis
- Identified the most affected countries and compared WHO regions using visualizations
- Analyzed death and recovery rates to derive key public health insights

AI-Based Hospital Resource Allocation System

Developed a full-stack web application for efficient hospital resource management using SQL and NoSQL databases. Implemented a priority-based allocation system to assign beds and medical staff based on patient severity, along with an admin dashboard, analytics visualization, and Excel data integration. Improved resource utilization through structured data management and real-time monitoring.

Technologies:

Python, Flask, MySQL, MongoDB, HTML, CSS, JavaScript, Chart.js, DBMS, Priority Queue