



ADITYA GUPTA
B.Tech. - Computer Science & Engineering
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BRIEF SUMMARY

As an ardent technophile, I excel in cross-platform development and technologies, eager to apply theoretical knowledge and develop practical skills in IT industry. I'm a quick learner embracing innovation. With a strong foundation in programming and a passion for problem-solving, I bring adaptability, teamwork, and leadership to any role. Seeking opportunities to contribute positively to a dynamic team and grow professionally.

KEY EXPERTISE

C/C++ STL Python MySQL NumPy Data Structures and Algorithms Machine Learning Basic HTML
C Programming Operating Systems Database Management System Computer Networks Microsoft Office Git
GitHub CSS

EDUCATION

SRM Institute of Science & Technology, Ghaziabad B.Tech. - Computer Science & Engineering CGPA: 9.58 / 10	2021 - 2025
Vaish Senior Secondary School, Charkhi Dadri 12 th Haryana Board of School Education Percentage: 88.60 / 100	2020
Vaish Senior Secondary School, Charkhi Dadri 10 th Haryana Board of School Education Percentage: 85.80 / 100	2018

INTERNSHIPS

Codsoft Education Machine Learning Engineer Developed and implemented machine learning algorithms for data analysis and predictive modeling. Conducted data preprocessing, feature engineering, and model evaluation using Python libraries such as TensorFlow, scikit-learn, and pandas. Contributed to the development of scalable and efficient machine learning pipelines to improve model performance.	10 Sep, 2023 - 10 Oct, 2023
Bharat Intern Education Full Stack Web Developer Designed and developed responsive web applications focusing on user experience and functionality. Proficient in front-end technologies such as HTML5 and CSS3.	10 Aug, 2023 - 10 Sep, 2023
Amazon (AWS) Education Machine Learning Engineer Assisted in designing and implementing machine learning models on the AWS platform. Engaged in continuous learning and staying updated with the latest AWS machine learning services and tools. Developed a solid understanding of the end-to-end machine learning lifecycle.	01 May, 2023 - 31 Jul, 2023

PROJECTS

Hate Speech Detection Key Skills: Machine Learning Data Processing Decision Trees NLP Developed a machine learning model to detect hate speech in social media text using Python and NLP techniques. Implemented data preprocessing, feature extraction, and model training with algorithms such as decision trees. Evaluated model performance using precision, recall, and confusion metrics.	01 Mar, 2024 - 01 Apr, 2024
Credit Card Fraud Detection Key Skills: Machine Learning Algorithms Data Preprocessing & Feature Engineering TensorFlow, Keras, scikit-learn Logistic Regression Neural Networks	10 Sep, 2023 - 10 Oct, 2023

Implemented a machine learning model for credit card fraud detection to identify and prevent fraudulent transactions. Utilized Python and libraries such as scikit-learn and TensorFlow to preprocess data, train, and evaluate various algorithms including Random Forest, Logistic Regression, and Neural Networks. Achieved high accuracy in detecting fraudulent activities by leveraging techniques such as anomaly detection and ensemble learning.

Netflix Home Page

10 Aug, 2023 - 10 Sep, 2023

Key Skills: HTML CSS

Developed a responsive front page for a Netflix clone using HTML, CSS, and JavaScript. Focused on replicating the UI/UX design of Netflix, ensuring compatibility across various devices and browsers.

Portfolio Website

10 Aug, 2023 - 10 Sep, 2023

Key Skills: HTML CSS Javascript

Created a personal portfolio website using HTML, CSS, and JavaScript to showcase projects and skills. Designed a clean, responsive layout with smooth navigation and interactive elements. Integrated a contact form and optimized the site for fast loading times. Employed best practices in web development to provide an engaging user experience across all devices.

ACHIEVEMENTS

- 120+ LeetCode Problem Solved

ASSESSMENTS / CERTIFICATIONS

Machine Learning

Aggregate: 99.55 / 100

Subjects: Supervised Machine Learning: Regression and Classification (99.60 / 100) , Unsupervised Learning, Recommenders, Reinforcement Learning (99.40 / 100) , Advanced Learning Algorithms (99.66 / 100)

Key Skills:

Machine Learning Algorithms Data Preprocessing & Feature Engineering Model Training & Evaluation Python TensorFlow, Keras, scikit-learn Deep Learning & Neural Networks Natural Language Processing Data Visualization

Learned key machine learning algorithms and techniques, including supervised and unsupervised learning, regression, classification, clustering, and neural networks. Applied learned concepts to real-world datasets and projects, gaining hands-on experience in feature engineering, model selection, and performance optimization.

AWS Academy Machine Learning Foundations

Key Skills: Artificial Intelligence Machine Learning AWS

Successfully completed the AWS Academy Machine Learning Foundations course, an in-depth program designed to provide foundational knowledge and practical skills in machine learning using Amazon Web Services (AWS) technologies. Developed proficiency in utilizing AWS tools and services for model training, deployment, and management. Applied learned concepts to hands-on labs and projects, analyzing real-world datasets and building machine learning models to derive actionable insights and solutions.

Data Base Management System

Key Skills:

SQL & PL/SQL Database Design & Architecture Performance Tuning & Optimization Data Modeling & Normalization Backup & Recovery Database Security & Compliance ETL Processes Database Migration & Upgrades

Experienced in designing, implementing, and managing robust database systems to ensure optimal performance, security, and data integrity. Proficient in SQL, database architecture, and performance tuning. Skilled in data modeling, backup and recovery strategies, and integrating databases with applications. Adept at troubleshooting complex database issues and ensuring high availability.

SEMINARS / TRAININGS / WORKSHOPS

Data Structures and Algorithms by GeeksforGeeks

26 Mar, 2023 - 26 Mar, 2023

Institute Name: COGNIZANCE IIT ROORKEE

Stock Market by BSE & CDSL

25 Mar, 2023 - 25 Mar, 2023

Institute Name: COGNIZANCE IIT ROORKEE

Machine Learning & Artificial Intelligence by IBM

24 Mar, 2023 - 24 Mar, 2023

Institute Name: COGNIZANCE IIT ROORKEE

CO-CURRICULAR ACTIVITIES

- o Computer Society of India (CSI) - SRM NCR Core Member
- o Participated in Code for Good '24
- o Participated in HackWithInfy '24
- o Participated in Code Clash 3.0 - SRMIST

EXTRA CURRICULAR ACTIVITIES

- o Yoga Club - SRM NCR Core Member
- o CodeClash 2.0 & Err-Hunt CSI SRMIST - Management core team member
- o Management and Decoration committee - Rubaroo2k23

PERSONAL INTERESTS / HOBBIES

- o Gym
- o Chess
- o Gardening

WEB LINKS

- o Personal - <https://aadi08.vercel.app/>

PERSONAL DETAILS

Gender: Male

Marital Status: Single

Current Address: Srm Institute Of Science And Technology,
Modinagar, Uttar Pradesh-201204, Modinagar, Uttar Pradesh,
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Date of Birth: 12 Jun, 2003

Known Languages: English, Hindi

Permanent Address: House No. 6, Street No. 2, Hari Nagar,
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