

# Aditya Gupta

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## SUMMARY

As a tech enthusiast deeply passionate about computer science, Specialized in constructing robust web applications. Possesses a deep understanding of Machine Learning and Data Structures. Determined towards leveraging technology to create impactful solutions. Adept at problem-solving. Eager to learn new technologies and tools to enhance my skills.

## EDUCATION

<b>SRM Institute of Science and Technology</b> <i>Bachelor of Technology in Computer Engineering, CGPA: 9.62</i>	Ghaziabad, India <i>September 2021 – Expected June 2025</i>
<b>Vaish Senior Secondary School</b> <i>12th, Score: 88.6%</i>	Charkhi Dadri, India <i>April 2019 – July 2020</i>
<b>Vaish Senior Secondary School</b> <i>10th, Score: 85.8%</i>	Charkhi Dadri, India <i>April 2017 – March 2018</i>

## PROJECTS

- Expense Insight** | [Link](#) | *Python, Machine Learning Algorithms, Time Series Analysis, Prophet model*
- Implemented a machine learning model to predict future expenses based on historical data.
  - Involved data preprocessing, including standardizing features and removing outliers, and exploratory data analysis (EDA) to gain insights into the dataset, Achieved an accuracy rate of 90%.
- Invoice Generator** | [Link](#) | *HTML5, CSS3, JavaScript, ReactJS*
- A web-based invoice generator application built with Front-end technologies.
  - It provides an easy way to create and manage professional invoices.
  - Features a clean, responsive layout with smooth navigation and interactive elements.
- Hate Speech Detection** | [Link](#) | *Python, Machine Learning Algorithms, NLP, Decision Trees*
- Trained a hate speech detection AI system on a dataset of over 15,000 instances using decision trees. Implemented data preprocessing and performed feature extraction.
  - Evaluated model performance using precision, recall and confusion metrics, Achieved an accuracy rate of 87.5%.
- Practice Projects** | *Personal Portfolio Website, Netflix Home Page, Credit Card Fraud Detection*
- Developed multiple projects utilizing machine learning algorithms and front-end technologies.

## CERTIFICATIONS

- Machine Learning** | *Coursera* *November 2023 – January 2024*
- Certified in machine learning algorithms and techniques, including supervised and unsupervised learning, regression, classification, clustering, and neural networks.
- Data Base Management System** | *NPTEL* *January 2024 – March 2024*
- Certified in designing, implementing, and managing robust database systems to ensure optimal performance, security, and data integrity.

## SKILLS

**Languages:** C/C++, Python, HTML5, CSS3, JavaScript, MySQL  
**Technologies and Core Competencies:** Data Structures, Algorithms, Object Oriented Programming, ReactJS, Operating Systems, Computer Networks, Machine Learning Algorithms, Git, GitHub  
**Soft skills:** Problem analytics, Communication, Leadership, Team Work, Management, Resiliency

## ACHIEVEMENTS

**Competitions:** Competed in 5+ hackathons such as hackwithinfy by Infosys and code for good by J.P. Morgan Chase & Co.  
**Others:** Tackled 170+ DSA problems on [LeetCode](#) and participated in various coding competitions.

## POSITION OF RESPONSIBILITY

- Computer Society of India (CSI) - SRM NCR Core Member** *February 2023 – March 2024*
- Involved in a community of 50+ developers to enhance the technical culture among students. Working with the team to organise different workshops, expert lectures and events.