Priyanshu Choudhary

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EDUCATION

Vellore Institute of Technology — Bhopal, MP
Master of Computer Application (8.53 CGPA) — *Aug. 2023 – May 2025*

University of Delhi — Delhi, IND
Bachelor of Science in Computer Science (8.581 CGPA) — *Nov. 2020 – May 2023*

EXPERIENCE

Research Assistant — Jan 2024 – May 2024
Vellore Institute of Technology — *Bhopal, MP*

- Conducted comprehensive research on **stack ensembling techniques** for **sentiment analysis** in **e-commerce**, focusing on **Amazon product reviews**. Published research paper in the **IEEE digital library**. Research Paper
- Led a research team, designed experiments, collected data from **Kaggle**, and preprocessed textual data through **text cleaning**, **tokenization**, and **lemmatization**.
- Developed a novel **stack ensemble machine learning model** using **decision trees**, **random forests**, and **support vector machines (SVMs)** for improved **sentiment analysis** accuracy.

PROJECTS

Swiggy Clone | *ReactJS, Firebase, JavaScript, Tailwind CSS, Redux, Git* — April 2024 – May 2024

- Developed a web application mimicking Swiggy's functionality with **ReactJS**, **Tailwind CSS**, and **Redux** for an optimized user experience.
- Utilized **Firebase** for real-time **database management** and data integrity.
- Integrated Swiggy's **API** to fetch and display real-time data.
- Visualized **GitHub** data to demonstrate collaboration.
- **Project Link**

Weather Application | *ReactJS, TailwindCSS, Git, Axios* — July 2024

- Built a weather application using **ReactJS** that displays real-time **weather information** based on user location.
- Implemented functionality to request user permission for accessing location to provide accurate local weather details.
- Integrated a search feature allowing users to retrieve weather data for any location worldwide.
- **Project Link**

Dev Profiler | *ReactJS, TailwindCSS, Git, GitHub API* — June 2024

- Built a dynamic **developer profiler** website with **ReactJS** and **Tailwind CSS** for **GitHub user information** retrieval.
- Integrated **GitHub API** for data fetching and implemented usage limits for performance and compliance.
- Designed a modern user interface with **Tailwind CSS**.
- **Project Link**

TECHNICAL SKILLS

Programming Languages: Java, C++, SQL, JavaScript, HTML/CSS
Frameworks and Technologies: React, Node.js, Tailwind CSS, RESTful API
Developer Tools: Git, Google Cloud Platform, VS Code, Visual Studio, IntelliJ, Eclipse, AWS Cloud

CERTIFICATIONS

Meta Front-End Developer - Coursera

SQL (Basic) - Hackerrank