Vishal Verma

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EDUCATION

University School of Information and Communication Technology, GGSIPU	CGPA : 8.14
Bachelor of Technology in Information Technology (Minor Specialization - Machine Learning)	*Dec. 2021 – June 2025*
Kendriya Vidyalaya Sainik Vihar	Percntage : 87%
Class 12th CBSE	*2019 – 2020*

PROJECTS

TeachScript | *Django, PostgreSQL, Materialize CSS, Render*   July 2024
- Developed TeachScript featuring an admin panel for course management and user authentication (login/register).
- Implemented a structured platform offering various categories of text-based tutorials with efficient backend integration and a user-friendly interface.
- **Deployed Link | GitHub Repo**

Whatsapp Chat Analyzer | *Machine Learning, Python, Streamlit, Seaborn, Render*   May 2024
- Developed a WhatsApp Chat Analyzer tool from scratch, allowing users to parse and analyze their chat data.
- Implemented features for extracting insights such as message frequency, word counts, and identifying most active users.
- Designed an interactive interface for users to explore their chat history and generate visualizations, enhancing usability and user experience.
- **Deployed Link | GitHub Repo**

Express Resume | *React.js, Tailwind CSS, Firebase, Vercel*   August 2023
- Utilizing React, this project enhances user experience and achieves seamless information input.
- Tailwind CSS elevates resume templates, ensuring visual appeal and responsiveness, making each user's resume distinctive.
- Users can easily authenticate using Google and access diverse resume templates.
- **Deployed Link | GitHub Repo**

EXPERIENCE

Utkrisht Research Internship   August 2023 – September 2023
GGSIPU   *New Delhi, IN*
- Implemented a system that combines underwater image enhancement techniques with state-of-the-art object detection using YOLOv5.
- Proficiently trained this object detection model using an extensive dataset comprising over 2000 labeled underwater images, resulting in enhanced model accuracy of 84%.

POSITION OF RESPONSIBILITY

Technical Team Lead | IEEE GGSIPU   September 2023 – Present
- Organized impactful IEEE Week event, promoting tech innovation and networking within the college community.
- Presented a session on Redis technology, including data caching, messaging, and geo spatial use cases.

TECHNICAL SKILLS

Programming Languages: C, C++, SQL, Python, JavaScript, HTML, CSS
Libraries/Frameworks: Django, React.js, Firebase, TailwindCss, Seaborn, Scikit-Learn, Streamlit
Databases: PostgreSQL
Developer Tools: Git/Github, VS Code, Jupyter Notebook, Google Colab, Pycharm, Figma
Soft Skills: Leadership, Presentation, Communication Skills, Researching

ACADEMIC ACHIEVEMENTS

1. **ICPC** Amritapuri Regionalist 2023