Ekta Gupta

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Education

Shri Vaishnav Vidyapeeth Vishwavidyalaya	**2020 - 2024**
Bachelor of Technology in Computer Science and Engineering-Data Science	*Percentage 75.1*
10th	**2017 – 2018**
Little Wonders Convent School (ISC)	*Percentage 81.3*
12th	**2019 – 2020**
Little Wonders Convent School (ICSE)	*Percentage 71.0*

Experience

Siya Tech Ventures (*Data Science Intern*)
- *Directed data import and management in PostgreSQL, enhancing database performance by 30%.*
- *Focused on content-based and collaborative filtering algorithms, improving recommendation accuracy by 25%.*
- *Automated data updates using Jupyter Notebook and Python, reducing manual effort by 40%.*

Ardent Computech Pvt. Ltd (*Data Science, AI, Machine Learning Intern*)
- *Managed e-commerce website projects, improving operational efficiency by 25% through automation.*
- *Engineered applications, achieving a 20% increase in productivity.*
- *Enhanced design scalability and reliability, demonstrating exceptional technical expertise.*

Allsoft Solutions (Powered by IBM) (*Web Development Intern*)
- *Executed optimization initiatives, revolutionizing web development efficiency by 35%.*
- *Upgraded web application functionality, significantly improving user experiences.*
- *Applied expertise in diverse web technologies, driving innovation and excellence.*

Technical Skills

Languages: C++, Python, HTML, CSS3, SQL.
Tools: Jupyter notebook, VS Code, IDLE.
Core Subjects: Object-Oriented Programming, Operating Systems, DBMS, Computer Networks, Artificial Intelligence, Machine Learning.

Projects

Attendance System Based on Face Recognition / *HTML, CSS, A.I, M.L., Flask* /
- Engineered a dynamic website for automated attendance management using HTML, CSS, AI, ML, and Flask.
- Crafted a responsive user interface, enhancing user experience and accessibility.
- Automated attendance tracking, reducing manual errors and saving 15% time.

Real Time 3D Pose Detection / *HTML, CSS, JavaScript, Mediapipe, Python* /
- Developed real-time 3D pose detection models to predict human poses from images and videos using HTML, CSS, JavaScript, Mediapipe, and Python.
- Localized key body joints with 95% accuracy using advanced machine learning techniques.
- Optimized algorithms to enhance the precision and speed of pose detection, improving accuracy by 20%.

Vocallyabled / *HTML, CSS, JavaScript, Mediapipe, Python* /
- Enabled diverse users to access Gmail using HTML, CSS, JavaScript, Mediapipe, and Python.
- Designed user-friendly interfaces, improving accessibility for users by 30%.
- Integrated assistive technologies, enhancing email usability for all users.

Achievements and Certification

- Drove a live data science project at Siya Tech, managing development to testing phases, receiving mentor commendation.
- Completed .NET Trainee program at Virim Infotech, acquiring foundational skills in .NET development.
- Earned Google Data Analytics certification, demonstrating proficiency in data analysis techniques and tools.

Hobbies

- Dancing: Participated in various cultural events and competitions.
- Singing: Engaged in singing activities, enhancing vocal skills and performing in community events.
- Photography: Developed a keen eye for capturing moments, specializing in landscape and portrait photography.