Pratinav Tewari

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Proactive and detail-oriented 4th-year B.Tech student specializing in Big Data Analytics, seeking an opportunity as a Data Scientist or Data Analyst. With expertise in Python, SQL, R and big data tools, I possess hands-on experience in building, training, and deploying machine learning models for predictive analytics. I am skilled at transforming raw data into meaningful insights, and creating compelling data visualizations to enforce data-driven decision-making and innovation within a collaborative team environment.

EDUCATION

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY   **Chennai, IND**
Bachelor of Technology   *2021-2025*
B. Tech in Computer Science Specialization in Big Data Analytics, CGPA:7.95 (till semester 6)

Relevant Coursework: Big Data Analysis, Operating Systems, Machine Learning, Deep Learning, Database Management Systems, Artificial Intelligence, Augmented and Virtual Reality

PROJECTS

PRIVATE WEBSOCKET CHATROOM   **2024**
- Developed a full-stack chat application using JavaScript, Node.js, HTML5, CSS3, SQLite3, and WebSockets (socket.io, node.js, express.js).
- Enabled real-time messaging and deployment through pvt-websocket-chat.glitch.me.

INDIAN SIGN LANGUAGE TRANSLATION   **2023**
- Collaborated with a team to create a real-time Indian Sign Language detection system using YOLOv5, OpenCV, and Python.
- Achieved 85% accuracy with a custom-trained model on annotated image data.

INNERWELL   **2023**
- Developed a mental health support app using Flutter, designed in Figma, and collaborated with a team of 6.
- Connected users with quick solutions and resources fetched through APIs for mental health issues.

ATYPICAL   **2023**
- Conducted a comprehensive case study and developed the UI/UX design for a website tailored for autistic children using Figma.
- [Case Study Link](#) | [UI/UX Link](#)

WORK EXPERIENCE

Mentric Training And Consulting Pvt Ltd   **Bangalore, IND**
Intern   **2024**

- Developed a full stack websocket based anonymous chat application with the help of Node.js, HTML/CSS and SQL single handedly.
- Performed additional backend services such as bug fixes, minor tweaks etc for the company's primary teaching platform.

E.S. Developers   **Bhilai, IND**
Founder   **2021**

- Created business strategies and sales pitches for projects, including SkillsGurukul, an interactive online coaching platform.
- Managed backend development and UI storyboarding for websites.
- Provided SEO and digital marketing services for small businesses using tools like Hootsuite.

The Indian Music Diaries   **Virtual, IND**
Writer   **2021**

- Curated content for the music journal and visualized articles using WordPress.
- Covered music-related events and wrote articles and social media content for the journal.

101.HipHop   **Virtual, IND**
Social Media Manager   **2021**

- Analyzed trends and created social media content for the hip-hop blog.
- Developed campaigns and collaborated with artists to increase engagement and impressions.

COMPETITIONS

SMART INDIA HACKATHON - Internal   **Chennai, IND**
Third Position   **2023**

- Earned third position for developing an app to ensure mental health awareness in schools.

SKILLS & INTERESTS

Technical Skills:

- Programming: Python, R, SQL, C++, HTML, JavaScript, Node.js
- Data Science & ML: Supervised & Unsupervised Learning, Model Optimization
- Tools: Tableau, MySQL, Figma, RStudio, MS Office Suite, Unity

Soft Skills:

- Oration, Creative Writing, Problem-Solving, Team Leadership, Content Creation, Communication

Certifications:

- AWS Academy Graduate - AWS Academy Machine Learning Foundations
- Machine Learning (Coursera)
- UI/UX Masterclass (GenY)

Software Known:

- MySQL, Figma, PowerPoint, Tableau, RStudio, WordPress, MS Office Suite, Unity, Blender.