

Yuvraj Chauhan

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Summary — Computer Science Engineering student with expertise in **full-stack development, data analytics, and software engineering**. Proficient in **React, Spring Boot, Python, SQL, and C++**, with internships delivering predictive analytics systems and responsive web applications. Skilled in **Agile methodology**, Git-based collaboration, and scalable, data-driven applications. Leadership as Student Coordinator and Sangam President demonstrates strong ability in **team management, event planning, and cross-functional execution**.

Skills

Languages C++, Python, JavaScript	Databases MySQL, MongoDB
Web Dev React.js, Node.js, Express.js, HTML, CSS	Core CS DSA, OOP, OS, Computer Networks
Frameworks Spring Boot, Dash, Pandas, Plotly	Tools Git, Agile, Compiler Construction

Education

BITS Pilani Hyderabad Campus <i>Bachelor of Engineering in Computer Science</i>	Oct 2022 - Jul 2026
DAV Public School <i>XII, CBSE</i>	Apr 2020 - Mar 2022
Rajendra Vidyalaya <i>X, ICSE</i>	Apr 2008 - Mar 2020

Experience

SASCO Steel Pvt. Ltd. <i>Web Development Intern</i> <ul style="list-style-type: none">– Rebuilt website sections with HTML, CSS, and JavaScript, improving responsiveness and reducing bounce rate by 20%.– Implemented Agile-driven UI enhancements, increasing customer engagement by 15%.– Collaborated with a team of 5 using Git, cutting development cycle time by 10%.	May 2024 – Jul 2024
TATA Power <i>Data Analytics & Web-App Intern</i> <ul style="list-style-type: none">– Engineered an interactive Streamlit OEM Analysis System, adopted by 30+ engineers, reducing downtime by 10%.– Automated data pipelines (regex year detection, forecasting), saving 40+ hours/month.– Integrated Matplotlib dashboards with lifecycle analytics, driving \$500k asset planning.	May 2025 – Jul 2025

Projects

Interactive 3D Portfolio Website – Full Stack <ul style="list-style-type: none">– Designed a 3D portfolio using React + Three.js, improving recruiter engagement with immersive UI.– Configured EmailJS for real-time secure contact forms.– Launched app (https://yuvrajchauhan388.github.io/Yuvraj-Portfolio/), boosting visibility through responsive design and SEO.	Jan 2024 – Mar 2024
Sibilytics-AI <ul style="list-style-type: none">– Constructed a Streamlit dashboard with Wavelet Decomposition, FFT, and Spectrograms for real-time analysis.– Delivered insights using RMSE, SNR, Entropy, Pearson Correlation, enabling dynamic feature extraction.– Deployed app (https://sibilytics-ai.streamlit.app/), reaching 100+ active users.	Jan 2025 – May 2025

Leadership Experience

Student Coordinator, Admissions Division, BPHC <ul style="list-style-type: none">– Directed document verification for 1200+ students, coordinating with faculty to streamline admissions.– Guided students and parents during onboarding, improving satisfaction scores by 30%.	Jul 2024 - Present
President, Sangam Regional Association, BPHC <ul style="list-style-type: none">– Organized flagship cultural events (Aagaz, Diwali) with 500+ attendees, raising 2L+.– Coordinated initiatives with administration, expanding student participation by 40%.	Jun 2024 - Present