

SUBHASIS SAHOO

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Education

Veer Surendra Sai University of Technology, Burla <i>Bachelor of Technology in Information Technology (CGPA-8.12)</i>	Nov. 2022 – May 2026 <i>Sambalpur, Odisha</i>
Tetrahedron Higher Secondary School, Tangi <i>CHSE Board: 93%</i>	2019 – 2021 <i>Cuttack, Odisha</i>
Padma Charan Academy, Mohanpur <i>BSE Board: 86.66%</i>	2019 <i>Jajpur, Odisha</i>

Experience

Intern – Central Data Processing (CDP), ITR DRDO Chandipur <i>Context-Aware Correlation Filter Tracking Project</i> <ul style="list-style-type: none">Engineered a real-time object tracking system using C++, OpenCV, and YOLOv7, enhancing accuracy in military-grade surveillance.	June – July 2025 <i>Chandipur, Odisha</i>
IBM Front-end Web Development Internship <i>Charity Web Portal Development</i> <ul style="list-style-type: none">Developed and deployed a responsive donation platform using HTML, CSS, and JavaScript, enabling seamless user donations and campaign listings.	June – July 2024 <i>Remote</i>
AI-ML Virtual Internship (Eduskill) <i>Basics of Artificial Intelligence and Machine Learning</i> <ul style="list-style-type: none">Completed 8+ modules covering foundational AI/ML concepts; implemented beginner-level models using Python and Jupyter notebooks.	July – September 2024 <i>Remote</i>

Projects

Portfolio Website <ul style="list-style-type: none">Designed and deployed a personal portfolio website to display projects, skills, and resume.Achieved mobile responsiveness and improved UX through clean layout and smooth scroll navigation.	2025
Charity Website (Donation Platform) HTML, CSS, JavaScript <ul style="list-style-type: none">Co-developed a web-based donation platform allowing NGOs to manage campaigns and receive user contributions.Implemented dynamic content sections and streamlined the user donation flow for better accessibility.	2024
CALM – Stress Relief WebApp HTML, CSS, JavaScript, IBM Watson <ul style="list-style-type: none">Built an interactive mental wellness platform integrating IBM Watson Assistant for real-time chat guidance.Enhanced user experience with soothing UI and mindfulness exercises for daily stress reduction.	2024
Context-Aware Correlation Filter Tracking C++, OpenCV, Visual Studio, YOLOv7 <ul style="list-style-type: none">Developed a real-time object tracking system combining correlation filters and YOLOv7 for enhanced accuracy.Contributed to DRDO ITR's project by implementing algorithm modules and assisting in testing and optimization.	2025

Technical Skills

Languages: C/C++, SQL, Python, HTML/CSS, JavaScript
Developer Tools: VS Code, Visual Studio
Technologies/Frameworks: GitHub, OpenCV, IBM Watson, Linux

Leadership / Extracurricular

IEEE VSSUT Student Branch <i>Active Member; CS & Web Lead (May 2024 – May 2025)</i> <ul style="list-style-type: none">Served as CS & Web Lead, guiding junior members and coordinating activities for the IEEE Computer Society and Sensors Council chapters.Facilitated technical planning, knowledge sharing, and event coordination for student-led initiatives.	2023 – Present <i>VSSUT, Burla</i>
Social Service Society, VSSUT <i>Active Member</i> <ul style="list-style-type: none">Contributed to campus outreach events and awareness campaigns focusing on societal upliftment.	2023 – Present <i>VSSUT, Burla</i>
Shiksha O Sanskar Kendra <i>Volunteer Educator</i> <ul style="list-style-type: none">Supported a student-driven initiative aimed at educating underprivileged children through weekly teaching sessions.	2023 – Present <i>VSSUT, Burla</i>