# SUBHASIS SAHOO

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## Education

**Veer Surendra Sai University of Technology**  ·  Nov. 2022 – May 2026
*Bachelor of Technology in Information Technology (CGPA-8.12)*  ·  Burla, Odisha

**Tetrahedron Higher Secondary School, Tangi**  ·  2019 – 2021
*CHSE Board: 93%*  ·  Cuttack, Odisha

**Padma Charan Academy, Mohanpur**  ·  2019
*BSE Board: 86.66%*  ·  Jajpur, Odisha

## Experience

**Intern – Central Data Processing (CDP), ITR DRDO Chandipur**  ·  June – July 2025
*Context-Aware Correlation Filter Tracking Project*  ·  Chandipur, Odisha
- Engineered a real-time object tracking system using C++, OpenCV, and YOLOv7, enhancing accuracy in military-grade surveillance.

**IBM Front-end Web Development Internship**  ·  June – July 2024
*Charity Web Portal Development*  ·  Remote
- Developed and deployed a responsive donation platform using HTML, CSS, and JavaScript, enabling seamless user donations and campaign listings.

**AI-ML Virtual Internship (Eduskill)**  ·  July – September 2024
*Basics of Artificial Intelligence and Machine Learning*  ·  Remote
- Completed 8+ modules covering foundational AI/ML concepts; implemented beginner-level models using Python and Jupyter notebooks.

**Dev-A-Web Bootcamp – IIT Kharagpur (GYWS)**  ·  November – December 2023
*Web Development Participant*  ·  Remote
- Completed a 2-month hands-on web development bootcamp by GYWS, IIT Kharagpur; built 3+ HTML/CSS/JavaScript projects under mentor guidance.

## Projects

**Portfolio Website** | *HTML, CSS, JavaScript*  ·  2024
- Designed and deployed a personal portfolio website to display projects, skills, and resume; hosted on GitHub Pages.
- Achieved mobile responsiveness and improved UX through clean layout and smooth scroll navigation.

**Charity Website (Donation Platform)** | *HTML, CSS, JavaScript*  ·  2024
- 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.

**CALM – Stress Relief App** | *HTML, CSS, JavaScript, IBM Watson*  ·  2024
- 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.

**Context-Aware Correlation Filter Tracking** | *C++, OpenCV, Visual Studio, YOLOv7*  ·  2025
- 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.

## 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**  ·  2023 – Present
*CS & WebDev Lead*  ·  VSSUT, Burla
- Guided junior members and managed club activities across IEEE Computer Society and Sensors Council chapters.
- Facilitated technical planning, knowledge sharing, and event coordination for student-led initiatives.

**Social Service Society, VSSUT**  ·  2023 – Present
*Active Member*  ·  VSSUT, Burla
- Contributed to campus outreach events and awareness campaigns focusing on societal upliftment.

**Shiksha O Sanskar Kendra**  ·  2023 – Present
*Volunteer Educator*  ·  VSSUT, Burla
- Supported a student-driven initiative aimed at educating underprivileged children through weekly teaching sessions.