

SHUBHAM KUMAR SAHOO

+91 9938713806 | shubhamkrsahoo100@gmail.com | [LinkedIn](#) | [GitHub](#)

EDUCATION

Kalinga Institute of Industrial Technology

October 2021 - Present

Bachelor of Science in Computer Science and Engineering (CGPA: 9.40)

Bhubaneswar, Odisha

- **Relevant Coursework:** Data Structures and Algorithms, DBMS, Artificial Intelligent, Operating Systems, Computer Architechture, Software Engineering, Computer Networks, Compiler Design & Object Oriented Programming

TECHNICAL SKILLS

Programming Languages: C, C++, Java, Python, Javascript, SQL, MongoDB, Shell Script

Libraries: React.js, Django, Flask, Pandas, Numpy Scikit-learn, Matplotlib/Seaborn, Tensorflow/Keras, OpenCV, Mediapipe

Platforms: Linux/Unix, Windows, Mac, Ubuntu, AWS

Tools: VS Code, Jupyter, BootStrap, JQuery, Git

Areas of Expertise: Web Development, Software Engineering, Python, Machine Learning

EXPERIENCE

Vocational Training

May 2023 – June 2023

Steel Authority of India

Asansol, West Bengal

- Analyzed product reports to identify key performance metrics and optimization areas, increasing user engagement by 15% in the first quarter.
- Led a team of 8 to develop and deliver reports, enhancing team collaboration by 30%.
- Orchestrated go-to-market strategies, managed cross-functional teams of up to 10 members, and ensured 100% on-time project delivery.

Web Development Intern

January 2022 - February 2022

Upskillz

Bubaneswar, Odisha

- Engineered a Simon's game project, achieving a 95% user satisfaction rating in internal testing using HTML, CSS, JavaScript and React.js.
- Completed 20+ hours of hands-on training sessions covering HTML, CSS, and JavaScript and implemented game logic and user interactions to create an engaging and interactive development experience.

PROJECTS

Soil Analysis and Farmer Advisory System | *HTML, CSS, Javascript, Bootstrap, JQuery, React.js, Python, Django, MySQL*

- **Web Interface and Data Management:** Developed a user-friendly interface with React.js. Collaborated on a robust backend with Django and MySQL for efficient data management.
- **Real-time Communication and Additional Features:** Enabled seamless communication between farmers and experts, facilitated timely advice, weather information, visualisation and improved farmers' decision-making by 40%.

Music Recommendation System | *HTML, CSS, ReactJS, TailwindCSS, Python, Pandas, Matplotlib/Seaborn, Tensorflow/Keras, Flask*

- **Algorithm Development:** Spearheaded the development of a personalized music recommendation system using machine learning and NLP to analyze user emotions and preferences, achieving 89% accuracy.
- **API and Web Integration:** Integrated a Flask API for seamless data exchange and collaborated on a website for real-time text to emotion analysis and song recommendation based on the emotion.

ACHIEVEMENTS

- **JPMC CFG Hackathon:** Selected from over 50,000 applicants to participate in the prestigious JPMC Code for Good (CFG) Hackathon, collaborating on solutions for Indigenous and Frontier Technology Research Centre (IFTR).
- **Google Data Analytics Professional Certificate:** Completed a comprehensive Google course on data analytics, covering data cleaning, analysis, visualization, and decision-making.
- **InvestX College Fest:** Orchestrated InvestX College Fest, coordinating 20+ student volunteers, and attracting 50+ attendees with a 95% participant satisfaction rate.
- **Republic Day Parade:** Played a key role in leading our CSE department to its first-ever prize and securing the 2nd position overall in the Republic Day parade.