
Swayam Prakash Sahoo

E-mail : swayampr.sahoo@gmail.com

Contact No. : 8114367279

LinkedIn: <https://www.linkedin.com/in>

Professional Summary

Aspiring Software Engineer | AI/ML Developer | AI Enthusiast | Python, Java, SQL, Machine Learning
Passionate about problem-solving and building innovative tech solutions.

Education

ITER, SOA University
CSE(AI & ML) GPA: 8.87

Bachelors in Technology
2023-27

ODM Public School
PCMC

Class 12th
2023

DAV Public School, Pokhariput

Class 10th
2021

Skills

Programming Language: Python, Java

Query Language/Database: SQL

Developer Tools: Jupyter Notebook, VS Code, Eclipse IDE

Frameworks and Libraries: Pandas, Numpy, Matplotlib, Turtle

Software/Tools: Chatgpt, Microsoft Office, Bandlab, Garageband, Canva, Capcut

Language: English, Hindi, Odia

Projects

TARA(Threat Alerting and Rescue Assistant) | Python, Flutter

- Designed and Implemented Threat Alerting Rescue Assistant as a wearable safety device engineered to fortify women's security. Adapted for diverse environments, it is designed, assembled, and programmed with advanced technologies, including GPS tracking and AI-powered threat detection.
- The device is built for durability, regulated for optimal performance, and standardized to ensure reliability. It is maintained and upgraded regularly, with components that can be repaired, remodeled, and converted for continuous use. TARA is a specialized, user-friendly solution, engineered to empower and protect, offering peace of mind in critical situations.

SAKSHI(Smart Access for Knowledge, Skills, and Holistic Innovation) |

- Designed SAKSHI as an innovative education platform designed to revolutionize learning by ensuring accessibility in remote areas. It leverages AI to provide personalized learning paths, adapted to individual needs. The platform is maintained for seamless operation, engineered with cutting-edge technology, and fabricated for offline accessibility. Content is applied, assembled, and standardized for diverse learners.
- SAKSHI is operated and regulated efficiently, with modules remodeled, revamped, and upgraded continuously. By utilizing local resources, it creates a fortified educational ecosystem that is specialized to bridge learning gaps, converted and remodeled for lasting impact.

Licences/Certifications

Complete AI, Machine Learning, Data Science Bootcamp Udemy

- Completed the "Complete Machine Learning and Data Science: Zero to Mastery" course on Udemy, focusing on key machine learning and data science concepts. The course covered data preprocessing, model implementation such as linear regression, decision trees, and support vector machines, along with deep learning using TensorFlow. Skills in handling big data and utilizing libraries like Pandas, NumPy, and Scikit-learn were developed. This training provided comprehensive, practical knowledge applicable to real-world machine learning and data science challenges.

GOLDMAN SACHS

Software Engineering Virtual Experience Program on Forage -February 2025

- Completed a job simulation as a Goldman Sachs governance analyst responsible for assessing IT security and suggesting improvements.
- Identified that the company was using an outdated password hashing algorithm by cracking passwords using Hashcat.
- Wrote a memo for my supervisor summarizing a range of proposed uplifts to increase the company's level of password protection including extending minimum password length and using a dedicated hashing algorithm.

ACCENTURE

Developer and Technology Internship

- Participated in Accenture UK's Virtual Experience Program, focusing on developer technology. Gained practical insights into technology-driven solutions, including software development, system integration, and innovative problem-solving. Worked on simulated real-world projects, enhancing skills in collaboration, project management, and technical implementation. This experience deepened understanding of the technology sector and prepared for dynamic, tech-driven roles.

TATA CONSULTANCY SERVICES

Data Visualization Internship

- Completed the Tata Group Data Visualization Virtual Experience Program, focusing on framing business scenarios through data. Developed skills in creating insightful data visualizations, translating complex data into actionable business insights. Gained experience in data interpretation, storytelling with data, and using visualization tools to support strategic decision-making. This program enhanced understanding of data-driven business solutions.