Subrata Kumar Sahu

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EDUCATION

NIST UNIVERSITY   Berhampur, Odisha
Bachelor of Technology   Expected May 2025
Major in Computer Science; Minors in Mathematics and Engineering
Cumulative GPA: 8.34/10.0
Relevant Coursework: Data Analysis, Software Engineering; Operating Systems; Algorithms; Artificial Intelligence

SANKALP SENIOR SECONDARY SCHOOL   Berhampur, Odisha
Intermediate **|** Score: 79%   June 2018 - June 2020
Major in Science (Non-Medical)
Relevant Coursework: Math's, Physics, Chemistry

ST XAVIER HIGH SCHOOL   Berhampur, Odisha
Matriculation | Score: 80%   March 2008 - March 2018
Major in CBSE syllabus

WORK EXPERIENCE

PWC (Cloud based Company)   Mar 2023 – Sep 2023
Software Trainee
- Completed multiple courses offered by Pwc, including Salesforce, IT fundamentals, Programming in Java, and RDBMS.
- Earned certifications by successfully passing exams related to the mentioned courses

PROJECTS

JAVA DEVELOPER   Aug 2022
- Designed and implemented an ATM interface using Java and JavaFX that streamlined user interactions

CUSTOM OBJECT DETECTION USING MACHINE LEARNING
- Designed and trained a custom AI object detection model using a self-prepared dataset consisting of 5,000+ images of vehicle and person classes; achieved an accuracy rate of 92 percent during testing phases.
- Four team members collaborated on this project, responsible for data collection, model training, and performance evaluation.

PROTFOLIO WEBSITE
- Created a portfolio website using languages like HTML, CSS, and JavaScript.

CHATBOT USING MACHINE LEARNING
- Developed an e-commerce chatbot using the RASA framework to provide users with quick information about the products they are looking for.
- Two team members collaborated on this project for data collection and model training.

ADDITIONAL

Technical Skills: Java, Python, C, OOPS, ML, Data Structures and Algorithms, Advanced in SQL, HTML/CSS, MongoDB, Salesforce
Languages: English, Hindi, Odiya
Certifications & Training: GDSC (**Google**), Gold badge 5* star for Python and C (**Hackerank**), Programming Fundamentals – Java (**PWC**), Salesforce (**PWC**), Demystifying Networking (**NPTEL**), Java Developer (**Oasis Infobyte**), Google IT Automation (**Google**)

ACTIVITIES

Foto Folks Club (Non-Technical Club in college)
Core Member

Code with Maps (Hackathon on Hack 2 Skills)   Sept 2023
Participated in Maps Bootcamp at NIST University, Berhampur