

Baidyanath Swain Acharya

Phone: +91 7008528099 | Email: baidyanathsa@gmail.com | [LinkedIn](#) | Bhubaneswar

EDUCATION

EdYoda Digital University, India

Feb 2022 – Present

7-Month Certification | Data Scientist Program

- Relevant coursework: Python Programming, Data Structures and Algorithms, Data Analysis, Data Wrangling & Visualization, Machine Learning

Institute of Technical Education and Research (ITER), Bhubaneswar

Aug 2014 – May 2019

Integrated Degree in Engineering B. Tech Mechanical Engineering and M. Tech Mechanical System Design

- CGPA: 9.13/10

WORK/ INTERNSHIP EXPERIENCE

Proof and Experimental Establishment DRDO, Chandipur

May 2017 – Jun 2017

Research Intern

- Collaborated with a team of 5 members to identify factors affecting performance of diesel engine and researched how to increase the efficiency of diesel engine.

ACADEMIC PROJECTS

[Covid 19 Case Study](#)

Jun 2022

- Performed Exploratory Data Analysis using Python libraries like NumPy, Pandas, Matplotlib and Seaborn.
- Developed analytical dataset for performing Machine Learning Algorithm.

[Food Ordering App](#)

Apr 2022

- Programmed Object Oriented Programming concept using Python to enable Admin for CRUD operations.

ACADEMIC PROJECT

Theoretical and experimental analysis of erosion of hydro turbine blade material

Jun 2018 – Apr 2019

- Conducted experiment to analyse erosive behaviour of turbine blade material using Air Jet Erosion Tester and compared with theoretical result
- **Tools Used** – Solidworks, ANSYS

SKILLS & CERTIFICATIONS

- **Programming Languages** – Python, SQL
- **Libraries** – NumPy, Pandas, Matplotlib, Seaborn, NLP, NLTK, Spacy
- **Visualization Tools** – Power BI, Seaborn, Matplotlib, MS Excel
- **Certifications** – Python Programming, Data Structures and Algorithms (By [EdYoda Digital University](#))
- **Soft Skills** – Problem Solving, Analytical Skills, Team Working, Communication Skills
- **Languages** – English (bilingual), Hindi (bilingual), Odia (native)

AWARDS & ACHIEVEMENTS

Qualified GATE

Feb 2022

- Qualified GATE 2022 in Mechanical Engineering (600)

Excellent performance in 12th exam

Sep 2014

- Rewarded laptop by Govt. of Odisha for meritorious performance in 12th exam.