

Rajalaxmi Beura

Software Developer | Full-Stack | Data & Machine Learning

Software Developer with hands-on experience in web development, backend systems, data analytics, and machine learning. Skilled in Python development, REST API integration, and building data-driven applications using modern web technologies and frameworks.

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SKILLS

Python
JavaScript
HTML5
CSS3

React
Django
Machine Learning

Deep Learning
Excel
Tableau
Power BI

Arduino
ESP32
Raspberry Pi

EDUCATION

B.Tech, Computer Science & Engineering

NIIS Institute Of Engineering and Technology (NIET) Bhubaneswar, India

- Transitioned from Mechanical Engineering to Computer Science to build software and data-driven systems.

B.E, Mechanical Engineering

The Institution of Engineers (India) Acharya Vihar, Bhubaneswar

- Strengthened analytical thinking, system understanding, and technical documentation skills.

Diploma, Mechanical Engineering

Utkalmani Gopabandhu Institute of Engineering Odisha, India

TRAINING & INTERNSHIP

AI/ML, IoT & Data Analytics – Training and Internship

Central Tool Room & Training Centre (CTTC) Bhubaneswar, India

Keywords: ML, Deep Learning, IoT, Data Analytics

- Worked on ML/DL fundamentals including data preprocessing, model training, and evaluation.
- Built reports and dashboards using Excel, Tableau, and Power BI for data visualization.
- Developed IoT prototypes using Arduino, ESP32, and Raspberry Pi for monitoring workflows.

AutoCAD and MS-Office Training

Unitech Rourkela, India

Keywords: 2D Drafting, Technical Drawings

- Created 2D layouts and technical drawings using AutoCAD tools and drafting standards.
- Worked with layers, blocks, dimensions, scaling, and annotations for accurate documentation.

PROJECTS

Weather Data Web Application

Personal Project

Keywords: Django, HTML, CSS, JavaScript, REST APIs

- Developed a Django web application to fetch and display real-time weather data using REST APIs.

Credit Card Approval Prediction System

Machine Learning Project

Keywords: Python, Pandas, Scikit-learn

- Built and evaluated a machine learning model to predict credit card approval outcomes.

Eye Disease Detection System

Deep Learning Project

Keywords: Python, CNN, Deep Learning

- Implemented a CNN-based deep learning model for eye disease detection using image datasets.

Curiclass – Student Problem-Solving Platform

Full-Stack Project

Keywords: React, Flask, FastAPI, Node-RED, WhatsApp API

- Developed a full-stack platform for uploading problem images with discussion and support features.