

# 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.

@ beurar005@gmail.com

+91 70082 59395

rajalaxmi.netlify.app

## 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

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

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

### Diploma, Mechanical Engineering

 Utkalmani Gopabandhu Institute of Engineering   
Odisha, India

### B.E, Mechanical Engineering

 The Institution of Engineers (India)   
Acharya Vihar, Bhubaneswar

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

## 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.

### Curioclass – 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.