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	**React**	**Deep Learning**	**Arduino**
JavaScript	**Django**	**Excel**	**ESP32**
HTML5	**Machine Learning**	**Tableau**	
CSS3		**Power BI**	**Raspberry Pi**

EDUCATION

B.Tech, Computer Science & Engineering

🏛 Nigam 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 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.