

JAYCHANDRA DAS

Python Full Stack Developer and Data Science Engineer

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SUMMARY

I am a Python Full Stack Developer and Data Science Engineer with a strong expertise in Python, Machine Learning, Django, and Generative AI. Skilled in developing efficient web applications and data-driven solutions, I have hands-on experience through internships. I am passionate about leveraging data to solve real-world problems and eager to contribute to a dynamic organization while continuously enhancing my technical and professional skills

EXPERIENCE

Central Tool Room & Training Centre (CTTC)

Bhubaneswar

Internship on Python

01/07/2024 - 31/07/2024

Training and internship center focused on skill development in various technologies

- Completed training in OOP using Python
- Gained experience in GUI Programming and project development using Django

PythonSoft LLP

Bhubaneswar

Internship on AI & ML

27/05/2025 – 10/07/2025

A tech company focused on delivering AI and machine learning solutions

- Performed data analysis using Python
- Developed Machine Learning models and gained insights into data science

SKILLS

Programming & Web Development: Python, C, Java, HTML, CSS, Bootstrap, JavaScript, DjangoMLOps & Deployment

Machine Learning & Data Science: Scikit-learn, XGBoost, Random Forest, Pandas, NumPy, Data Analysis, Data Visualization

Deep Learning: TensorFlow, PyTorch, CNNs, RNNs, LSTMs, Transformers, Transfer Learning

Databases: MySQL, SQLite

Tools & Visualization: Power BI, Microsoft Excel, Matplotlib, Seaborn, Plotly

Cloud & Deployment: Render (Cloud Deployment), Git, GitHub

Other Skills: Problem Solving, Analytical Thinking, Team Collaboration

PROJECTS

Face Clone Application

A web application for dynamic cloning features

- Developed a web-based application to simulate and manage user profiles
- Implemented backend logic using Django with responsive frontend integration

MediScan AI (Streamlit)

Application provides simplified insights into medical data

- Built an AI-powered application to analyze medical reports and provide simplified, user friendly insights.
- Utilized Machine Learning concepts and interactive Streamlit UI for real-time predictions and visualization.

Coronary Heart Disease Prediction (Django)

Predicts heart disease risk using user input

- Designed and deployed a machine learning-based web application to predict heart disease risk.
- Integrated trained ML models with Django backend and user-friendly input interface for real-time predictions.

Personal Portfolio Website (Django, Bootstrap) – Live

Personal portfolio to demonstrate skills and projects

- Developed and deployed a responsive personal website showcasing projects, skills, and achievements.
- Implemented modern UI using Bootstrap with Django backend for scalability and maintainability.

Critical Section: Manual Entry & Manual Release

Demonstrates process synchronization concepts

- Created a simulation of critical section problem demonstrating process synchronization concepts.
- Implemented manual entry and release mechanisms with interactive UI to visualize concurrency control.

EDUCATION

GIFT Autonomous College	Bhubaneswar
B. Tech in Computer Science and Engineering(pursuing)	2023-2027
JSRC Higher Secondary School	Baleshwar
Intermediate	2021-2023
Modhupura Anantapur high School	Baleshwar
Matriculation	2011-2021

CERTIFICATION

- Achieved NPTEL certification with a score of 76 in **Introduction to Industry 4.0 and Industrial IoT**.
- Achieved NPTEL certification with a score of 55 in **Cloud Computing**.
- Achieved NPTEL certification with a score of 63 in **Privacy and Security in Online Social Media**.
- Achieved NPTEL certification in **Software Testing** with a score of 49.
- Completed certification in **Introduction to Generative AI** from Google Cloud.
- Completed **Database Foundations** certification from Oracle Academy.
- Completed **Introduction to Cyber Security** certification from Simplilearn.

ADDITIONAL DETAILS

- Languages: English, Hindi ,Odia
- Hobby: playing chess, reading novels
- Strength: Quick learner, Positive Attitude
- Nationality: Indian
- Gender: Male