

THAKUR ASUTOSH DASH

Bhubaneswar, Odisha

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Pre-final year student and aspiring Data Scientist with hands-on experience in end-to-end ML development. Skilled in FastAPI-based backend engineering, deploying trained ML models, and integrating intelligent systems into production-grade applications.

EDUCATION

Silicon University	Bhubaneswar, Odisha
<i>B.Tech in Computer Science Engineering (CGPA: 9.20, SGPA: 8.90)</i>	2023 – 2027
SSVM, Neelakanth Nagar	Berhampur, Odisha
<i>12th Board (CHSE) — 92% (State Rank Holder)</i>	2021 – 2023
SSVM, Neelakanth Nagar	Berhampur, Odisha
<i>10th Board (CHSE) — 93%</i>	2021

EXPERIENCE

Data Science, ML & Deep Learning Intern	Jun 2025 – Jul 2025
<i>Syllogistek Systems Private Limited</i>	<i>BBSR, Odisha</i>
– Built supervised and unsupervised ML workflows including preprocessing, training, feature engineering, and evaluation.	
– Performed EDA, clustering, and visualization for internal ML-driven analytics systems.	
– Developed DBSCAN, K-Means, and regression models for production-oriented datasets.	
– Received certificate upon successful completion.	
Python Programming & Applications Intern	Jun 2024 – Jul 2024
<i>Syllogistek Systems Private Limited</i>	<i>BBSR, Odisha</i>
– Completed hands-on Python training covering DS, OOP, debugging, and module-driven development.	
– Built an Employee Management System with Flask, SQLAlchemy, CRUD APIs, and backend testing.	
– Worked extensively with Git, Postman, virtual environments, and REST API workflows.	
– Awarded certification for program completion.	

PROJECTS

Resumyzer – AI-Backed ATS Resume Analyzer GitHub	Nov 2025 – Dec 2025
– Live Project Link	
– Developed a full-stack AI web application to analyze resumes against ATS standards and job roles.	
– Used generative AI to compute ATS scores, detect keyword gaps, and generate actionable resume feedback.	
– Built a production-grade system using React frontend, FastAPI backend, and Supabase database.	
– Focused on API reliability, real-world ML integration, deployment debugging, and failure handling.	
Personalised EV Wallet (Energy Forecasting) GitHub	Sept 2025 – Oct 2025
– Live Project Link	
– Developed ML models to forecast EV charging patterns and monthly energy expenses.	
– Analyzed user behavior patterns to generate personalized cost recommendations.	
– Designed a feature-rich dataset for improved forecasting performance.	
EV Charging Chatbot Backend FastAPI, Generative AI GitHub	Sept 2025 – Oct 2025
– Live Project Link	
– Built a scalable backend for real-time EV assistance using Gemini 2.5.	
– Integrated secure API handling, CORS middleware, and production-ready endpoints.	
– Designed lightweight architecture suited for mobile and web integration.	
SMS Spam Classifier Python, Scikit-learn, Streamlit GitHub	Jun 2025 – Jul 2025
– Live Project Link	
– Built a TF-IDF powered ML pipeline for SMS spam detection.	
– Developed REST APIs with Flask and interactive UI in Streamlit.	
– Implemented async processing with Celery and Redis.	

ACHIEVEMENTS

Smart India Hackathon (SIH)

Sept 2025

Government of India

- Led backend development for the PM Internship Portal AI module.
- Engineered recommendation engines, skill-gap analysis, and multilingual support systems.

NIRMAN Ideathon — Runners Up

Nov 2023

RideSync Smart Mobility Project

- Proposed a real-time shared mobility routing system using dynamic path optimization.
- Presented solution feasibility and impact to an expert jury panel.

SKILLS

Languages: Python, SQL (MySQL)

Frameworks: FastAPI, Flask

Developer Tools: Git, HuggingFace, MCP, VS Code

Libraries: PyTorch, NumPy, pandas, OpenCV

Domains: Machine Learning, Deep Learning, NLP, Computer Vision, GenAI, Agentic AI, DSA

STRENGTHS

- Strong communication and interpersonal abilities.
- Leadership experience through team coordination and event management.
- Ability to manage and lead projects with clarity and accountability.
- Solid technical expertise in ML, DL, and backend engineering.

HOBBIES & INTERESTS

- Badminton and sports promoting discipline and focus.
- Personal development, goal-setting, and continuous learning.
- Mindfulness and meditation for clarity and productivity.

FUTURE GOALS

- Aim to transition into management roles combining leadership with technical depth.
- Long-term ambition to lead or build an impact-driven tech organization.
- Committed to contributing to society through initiatives supporting underprivileged communities.

ONLINE PROFILES

- [HuggingFace](#)
- [LeetCode](#)
- [X](#)