

# 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

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

## EXPERIENCE

<b>Data Science, ML &amp; Deep Learning Intern</b> <i>Syllogistek Systems Private Limited</i>	Jun 2025 – Jul 2025 BBSR, Odisha
<ul style="list-style-type: none"><li>– Built supervised and unsupervised ML workflows including preprocessing, training, feature engineering, and evaluation.</li><li>– Performed EDA, clustering, and visualization for internal ML-driven analytics systems.</li><li>– Developed DBSCAN, K-Means, and regression models for production-oriented datasets.</li><li>– Received certificate upon successful completion.</li></ul>	
<b>Python Programming &amp; Applications Intern</b> <i>Syllogistek Systems Private Limited</i>	Jun 2024 – Jul 2024 BBSR, Odisha
<ul style="list-style-type: none"><li>– Completed hands-on Python training covering DS, OOP, debugging, and module-driven development.</li><li>– Built an Employee Management System with Flask, SQLAlchemy, CRUD APIs, and backend testing.</li><li>– Worked extensively with Git, Postman, virtual environments, and REST API workflows.</li><li>– Awarded certification for program completion.</li></ul>	

## PROJECTS

<b>Personalised EV Wallet (Energy Forecasting)</b>	Sept 2025 – Oct 2025
<ul style="list-style-type: none"><li>– Developed ML models to forecast EV charging patterns and monthly energy expenses.</li><li>– Analyzed user behavior patterns to generate personalized cost recommendations.</li><li>– Designed a feature-rich dataset for improved forecasting performance.</li></ul>	
<b>EV Charging Chatbot Backend   FastAPI, Generative AI</b>	Sept 2025 – Oct 2025
<ul style="list-style-type: none"><li>– Built a scalable backend for real-time EV assistance using Gemini 2.5.</li><li>– Integrated secure API handling, CORS middleware, and production-ready endpoints.</li><li>– Designed lightweight architecture suited for mobile and web integration.</li></ul>	
<b>SMS Spam Classifier   Python, Scikit-learn, Streamlit</b>	Jun 2025 – Jul 2025
<ul style="list-style-type: none"><li>– Built a TF-IDF powered ML pipeline for SMS spam detection.</li><li>– Developed REST APIs with Flask and interactive UI in Streamlit.</li><li>– Implemented async processing with Celery and Redis.</li></ul>	

## ACHIEVEMENTS

<b>Smart India Hackathon (SIH)</b> <i>Government of India</i>	Sept 2025
<ul style="list-style-type: none"><li>– Led backend development for the PM Internship Portal AI module.</li><li>– Engineered recommendation engines, skill-gap analysis, and multilingual support systems.</li></ul>	
<b>NIRMAN Ideathon — Runners Up</b> <i>RideSync Smart Mobility Project</i>	Nov 2023
<ul style="list-style-type: none"><li>– Proposed a real-time shared mobility routing system using dynamic path optimization.</li><li>– Presented solution feasibility and impact to an expert jury panel.</li></ul>	

## SKILLS

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**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

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- 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

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

## FUTURE GOALS

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- 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

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