Thakur Asutosh Dash

Bhubaneswar, Odisha

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EDUCATION

Silicon University — Bhubaneswar, Odisha
B.Tech in Computer Science Engineering (CGPA: 9.20) — *2023 – 2027*

SSVM, Neelakanth Nagar — Berhampur, Odisha
CHSE 12th Board (92%) — State Rank Holder — *2021 – 2023*

SSVM, Neelakanth Nagar — Berhampur, Odisha
CHSE 10th Board (93%) — *2021*

EXPERIENCE

Data Science, ML & Deep Learning Intern — Jun 2025 – Jul 2025
Syllogistek Systems Private Limited — *BBSR, Odisha*

- Built supervised ML workflows for preprocessing, training, and performance evaluation using Python and Jupyter Notebook.
- Implemented complete ML pipelines including EDA, visualization, feature handling, model training, and accuracy comparison.
- Applied ML concepts to real datasets using structured lab-based problem solving.

Python Programming & Applications Intern — Jun 2024 – Jul 2024
Syllogistek Systems Private Limited — *BBSR, Odisha*

- Completed an intensive Python program covering DS, functions, OOP, file handling, debugging, and modules.
- Built a RESTful Employee Management System using Flask, SQLAlchemy, CRUD operations, and testing.
- Worked with Git, Postman, and backend workflows through a structured mini-project.

PROJECTS

EV Charging Chatbot Backend — Flask, Google Generative AI, Python — *Sept 2025 – Oct 2025*

- Built a lightweight backend powering an AI-driven EV assistant with real-time query handling.
- Implemented secure API handling, CORS support, and seamless integration with Gemini 2.5.
- Designed clean, optimized architecture for mobile and web integration.

SMS Spam Classifier — Python, Scikit-learn, Streamlit, TF-IDF, Render — *Jun 2025 – Jul 2025*

- Developed a full-stack spam detection system with Flask REST APIs and a React frontend.
- Integrated GitHub OAuth to fetch, analyze, and visualize repository collaboration patterns.
- Used Celery and Redis for asynchronous background processing.

TECHNICAL 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

EXTRA-CURRICULAR ACTIVITIES

Event Management — *Jun 2024 – Present*

- Managed planning, coordination, and on-ground execution of major university events.

Student Mentorship — *Jun 2024 – Jun 2025*

- Mentored first-year students on academics, course decisions, and university adaptation.