Abhinab Sukla

abhinabsukla843@gmail.com — +91 9583760910
linkedin.com/in/abhinab-sukla — github.com/Abhinab-123

Professional Summary

B.Tech Computer Engineering student skilled in Python, SQL, Data Analytics. Experienced in developing AI-driven and web-based applications for data-driven decision-making. Strong foundation in Machine Learning, automation, and intelligent system design. Passionate about applying AI solutions for price optimization, customer insights, and digital transformation.

Skills

Data & Analytics: MS Excel, Pandas, NumPy, Matplotlib, Seaborn, Power BI
Programming: Python
Web & Databases: SQL, Git/GitHub
Tools & Cloud: Jupyter Notebook, VS Code, n8n, AWS,Google colab

Projects

RAG-Based AI Teaching Assistant
- Developed an AI assistant that answers student queries by learning from course videos, improving learning efficiency.
- Processed video → audio → text → embeddings; implemented LangChain and FAISS for accurate context retrieval.
- Built a web interface for easy interaction; repository: github.com/Abhinab-123/RAG_project.

Spam Mail Detection System
- Built an ML system to classify emails as spam or ham with high accuracy, streamlining email management.
- Applied feature engineering and Decision Tree modeling on 5,572 email samples; achieved 87.7% accuracy.
- Repository: github.com/Abhinab-123/Spam-mail-detection.

AI-Powered Inventory Chatbot
- Designed and implemented an interactive inventory management chatbot using n8n, integrated with OpenAI, Google Sheets, and Gmail.
- Automated real-time inventory tracking, low-stock alerts, and restock notifications through Telegram.

AI Image Generation
- Created a web app generating images from text prompts using OpenAI's Image API.
- Simplified user workflow with a clean interface for generating and downloading images.
- Repository: github.com/Abhinab-123/AI-image_generator.

Experience

Labmentrix Data Science Intern ↗
- Performed exploratory data analysis (EDA) and applied machine learning algorithms to derive actionable insights from large datasets.
- Automated data preprocessing and visualization workflows using Python (Pandas, NumPy, Matplotlib).

Deloitte Data Analytics Virtual Internship (Forage) ↗
- Completed data analysis and forensic technology tasks simulating real-world business scenarios.
- Delivered actionable insights supporting business decisions and process improvements.

Microsoft Azure Internship ↗
- Managed Azure virtual networks, VMs, load balancers, and VPNs ensuring high availability.
- Deployed and secured applications with SSL certificates; automated resource scaling.

Hobbies/Achievement

Ranked 6 in Champion League (Oct 2025) ↗   Active Chess.com player

Education

Silicon University, Bhubaneswar, Odisha
Bachelor of Technology (B.Tech) in Computer Engineering   *Graduation: 2026*