Sushmita Das

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EDUCATION

SIES Graduate School of Technology *Sept 2024 - Present*
B.E in Computer Engineering; CGPA : 8.81

EXPERIENCE

AI & Data Science Intern
Xylofy AI *June 2026 – July 2026*

- Implemented end-to-end machine learning workflows involving data preprocessing, feature engineering, model training, and evaluation using Python, Scikit-learn, and Jupyter Notebook, while documenting methodologies, findings, and performance metrics.
- Analyzed complex datasets through exploratory data analysis (EDA) and visualized actionable insights using Pandas, Matplotlib, and Seaborn to support data-driven decision-making.

Full Stack Developer Intern
EasyGoLife *June 2026 - June 2026*

- Architected and developed a full-stack web application, independently handling frontend development, backend services, RESTful APIs, database management, and system integration.
- Delivered secure, real-time, and user-centric functionalities by incorporating authentication, authorization, performance optimizations, and scalable application architecture.

PROJECTS

1. **GitAnalytics** | *React.js, Flask, Gemini, GitHub REST API* *Live Demo*
- Created a full-stack analytics platform that transforms GitHub profile and repository data into insights through repository audits, README and licensing analysis, developer statistics, and comparison tools.
- Leveraged Google Gemini to generate project summaries, actionable recommendations, and intelligent development roadmaps from repository data.

2. **Ask PDF** | *Python, LangChain, ChromaDB, HuggingFace, Gradio, pdfplumber*
- Designed a document Q&A system that enables users to upload PDFs and ask context-aware questions using semantic retrieval and Google Gemini.
- Implemented a RAG pipeline combining PDF text extraction, document chunking, HuggingFace embeddings, ChromaDB vector search, and LangChain RetrievalQA.

3. **Seculink** | *TypeScript, Node.js, Sequelize, Supabase, AES-256-GCM* *Live Demo*
- Developed a zero-knowledge file sharing platform with browser-side AES-256-GCM encryption, self-destructing links, password protection, OTP verification, geofencing, IP restrictions, and view-only access.
- Integrated automated file expiry, audit logging, sensitive-data/malware scanning, QR-based sharing, and local/Supabase S3 storage with SQLite/PostgreSQL database support.

SKILLS

Programming Languages: Java, C, C++, Python, JavaScript

Frontend: React.js, Astro, HTML5, CSS3, Vite, Tailwind CSS, Bootstrap

Backend: Node.js, Express.js, Flask, FastAPI, API Integration, MongoDB, MySQL

AI / ML: LLMs, Prompt Engineering, API-based AI Integration, Langchain, RAG, Vector Databases, ChromaDB, HuggingFace, PyTorch, TensorFlow, Scikit-Learn, Feature Engineering

Developer Tools: Git, GitHub, VS Code, Github Actions, Jupyter Notebook, Colab, Vercel, Render, Figma

CERTIFICATIONS **Certificates**

• Getting Started with Generative AI - IBM SkillsBuild (June 2026)
• Getting Started with Artificial Intelligence - IBM SkillsBuild (Feb 2026)
• Architecture of Gen AI with LLM and RAG - SIESGST (Jun 2025)

ACHIEVEMENTS

• Placed in the Top 5 at ByteCamp'25 - Navi Mumbai's largest hackathon
• Secured 3rd place at TechSprint'26 - Hackathon organized by Google Developer Groups (GDG)