

Soham Das

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Education

<i>Jadavpur University</i> <i>Bachelor of Engineering, Information Technology (CGPA: 9.01)</i>	Kolkata, India 2027 (Expected)
<i>Hariyana Vidya Mandir</i> <i>AISSCE (CBSE) (Percentage: 95.60)</i>	Kolkata, India 2021 - 2023
<i>St. Xavier's Collegiate School</i> <i>ICSE (Percentage: 98.20)</i>	Kolkata, India 2012 - 2021

Experience

<i>Hacktoberfest Contributor</i> <i>Open Source Contributor</i>	Oct 2023 - Nov 2023
<ul style="list-style-type: none">Contributed to 8+ open-source projects, resolving critical bugs, optimizing code for efficiency, and enhancing documentation for clarity and usabilityMastered version control best practices (Git, GitHub) and collaborated with global developers, improving code quality and maintainability in diverse codebases	

Projects

<u>SpendSense</u> <i>Python, Pandas, SQL, SQLAlchemy, Plotly, Streamlit</i>
<ul style="list-style-type: none">Developed a personal finance dashboard using Python, Pandas, and Streamlit for tracking expenses and visualizing spending trends from Bluecoins transaction data.Integrated SQL and SQLAlchemy for robust data management and Plotly for interactive financial charts, enhancing user understanding of their budget.
<u>Papergram</u> <i>Python, Flask, SQLite, HTML, CSS, JavaScript</i>
<ul style="list-style-type: none">Conceptualized and launched a full-stack web application leveraging HTML, CSS, and JavaScript which streamlined access to 500+ academic research papers, enhancing research efficiency for university students.Integrated features such as paper recommendations, user profiles, and citation management

Technical Skills

<i>Languages:</i>	C/C++, Python, Java
<i>Tools:</i>	Git, GitHub, VS Code, PyCharm
<i>Libraries:</i>	PyTorch, NumPy, Pandas, Scikit-learn
<i>Frameworks:</i>	React, Flask, Streamlit
<i>Interests:</i>	NLP, LLMs, Reinforcement Learning, Computer Vision

Certifications and Achievements

<u><i>Hands-on approach to AI</i></u> <i>IIT Kharagpur, TCS iON</i>	May 2025 <u><i>Certificate</i></u>
<ul style="list-style-type: none">Scored amongst top 10% learners.Gained practical expertise in Python, PyTorch, TensorFlow, scikit-learn, and industry-standard AI/ML tools through live lectures, coding assignments, and real-world projects.	
<u><i>Machine Learning Specialization</i></u> <i>Stanford University & DeepLearning.AI (Coursera)</i>	Jan 2025 <u><i>Certificate</i></u>
<ul style="list-style-type: none">Implemented algorithms from scratch: Linear/Logistic Regression, Neural Networks, Decision Trees, ClusteringApplied advanced techniques: regularization, feature engineering, and model evaluation metrics	