Arindam Shukla

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Education

Bachelor of Technology, University of Lucknow — Lucknow, India
Computer Science and Technology with Specialization in Artificial Intelligence — *November 2022 – Present*

Delhi Public School, Jankipuram — Lucknow, India
Class 12 (CBSE) : ***94.6%***

Experience

Artificial Intelligence Intern — July 2025 – Sept 2025
StuFit — *Lucknow, India*

- Built and deployed AI models to streamline health monitoring workflows and flag anomalous records, improving operational efficiency by 20% and enabling faster wellness decisions; additionally fine-tuned LLMs, designed pipelines integrated with vector databases, and developed APIs to host chatbots with real-time database updates.

Team Lead, Web-Development and Design Team — Dec 2022 – Aug 2025
Training and Placement Cell, Faculty of Engineering and Technology, University of Lucknow — *Lucknow, India*

- Orchestrated a team of 8 to revamp web content for placement drives, which resulted in a 25% increase in student participation and a 15% rise in corporate engagement.

Team Lead (Intern), Graphic Designing and Video Editing Team — May 2023 – July 2023
Brain Bytes — *Lucknow, India*

- Led and mentored a team of 5 creatives, managing end-to-end content creation workflows, task delegation, and performance tracking to ensure timely delivery of high-quality visual assets aligned with company goals.

Projects

PetVision | *Python, Keras, TensorFlow, NumPy, Pandas, CNN* ***Website*** — March 2025

- Developed a CNN-based image classifier with data preprocessing and hyperparameter tuning, achieving 80% accuracy on the Kaggle Cats and Dogs dataset, and deployed a prediction API for real-time inference.

Medical Chatbot | *Chainlit, Python, NLP, LangChain, FAISS, Hugging Face* ***GitHub-Repo*** — September 2024

- Created an NLP-based medical chatbot using Chainlit, LangChain, Hugging Face, and FAISS, with SQL querying, data preprocessing, and model evaluation for accurate, context-aware health responses.

Seametry | *pandas, NumPy, Matplotlib, Seaborn, Scikit-learn* ***GitHub-Repo*** — June 2024

- Designed a predictive model using Linear Regression and SVM with 85% accuracy to estimate oceanic salinity from temperature data, applying EDA, preprocessing, and evaluation on 50,000+ Kaggle entries.

Technical Skills

Languages: Python, C/C++, SQL
Developer Tools: Git, GitHub, VS Code, Visual Studio, Jupyter Notebooks, PyCharm, Power BI, Excel
Libraries & Frameworks: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, Django, Keras, TensorFlow, OpenCV (cv2), Chainlit, LangChain, Hugging Face, FAISS
Concepts & Techniques: CNN, NLP, EDA, Data Preprocessing, Model Evaluation, Hyperparameter Tuning
Operating Systems & Tools: Linux, Bash, Linux CLI, Shell Scripting, AWS, Google Cloud, Cloud Computing
Coursework: Operating Systems, Compiler Design, DSA, DBMS, Machine Learning, Artificial Intelligence
Soft Skills: Clear Communication, Quick Adaptation, Deadline Management, Thoughtful Approach, Peer Support.

Achievements

Qualified GATE-DA 2025 — March 2025
Data Science and Artificial Intelligence | RANK: 6505

Qualified for Smart India Hackathon — November 2024
Qualified at University level — *Lucknow, India*

Qualified for the Penultimate Round of Hackofiesta. — April 2024
Hackathon held at IIIT Lucknow — *Lucknow, India*