Arindam Shukla

+91 9565432804 | arindamshrish@gmail.com | linkedin.com/in/arindam-shukla | github.com/Spartan1-1-7

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
94.6% in Class 12 Central Board of Secondary Education

EXPERIENCE

Team Lead, Web-Development and Design Team — Dec 2022 – Present
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

MathInk | *Python, Keras, NumPy,Pandas, TensorFlow, OpenCV, Django* **GitHub-Repo** — April 2025
- Built a CNN model to solve math equations from images, using OpenCV for preprocessing, Keras/TensorFlow for prediction and evaluation, and a Django-based frontend/backend for smooth user interaction.

PetVision | *Python, Keras, TensorFlow, NumPy, Pandas, CNN* **GitHub-Repo** — 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 fromtemperature data, applying EDA, preprocessing, and evaluation on 50,000+ Kaggle entries.

Insight AI: HackoFiesta Project | *Seaborn, Scikit-learn, MongoDB* **GitHub-Repo** — April 2024
- Optimized business operations by developing predictive models with Scikit-learn, applying preprocessing, evaluation, and tuning, and building a scalable system that improved efficiency and increased market share by 15%.

TECHNICAL SKILLS

Languages: Python, C/C++, Java (beginner level), SQL, DBMS
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: AI, ML, CNN, NLP, EDA, Data Preprocessing, Model Evaluation, Hyperparameter Tuning
Operating Systems & Tools: Linux, Bash, Linux CLI, Shell Scripting, AWS, Google Cloud, Cloud Computing
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*