Ashi Gupta

Linkedin: ashi-gupta-4895a0250
Github: github.com/Ashi12218604
Email: guptaashi655@gmail.com
Mobile: +91-8791379845

SKILLS

- **Languages**: Java, Python, SQL
- **Frameworks**: Pandas, Numpy, Scikit-learn, TensorFlow, Keras
- **Tools/Platforms**: IntelliJ, Tableau, MySQL, Google Colab, Jupyter, Git, GitHub, GCP
- **Soft Skills**: Adaptability, Time Management, Communication Skills, Quick Learner

TRAINING

- **Office Mastery – Power BI** *Jul'25 – Jul'25*
  Novice
  - **About**: Developed strong hands-on skills in Power BI by creating interactive dashboards, performing data transformation using Power Query, and applying DAX for custom calculations and insightful visualizations
  - **Result:** Leveraged Power BI's advanced features like data modeling, relationships, and slicers to data driven decision making
  - **Tech stacks used**: Power BI, DAX, Power Query, Dashboards
- **Programming Pathshala - Renaissance** *Nov'24 – Jan'25*
  Apprentice
  - **About**: Grasped Fundamental and advanced data structure and algorithms, enhancing troubleshooting skills and coding efficiency
  - **Result:** Achieved proficiency in solving 150+ problems on platforms like LeetCode
  - **Tech stacks used**: Java, Data Structures and Algorithms

PROJECTS

Navy Analysis and Route Optimization *Feb'25 – Mar'25*

- Retrieved and processed 1000+ maritime data points to support route analysis
- Engineered a graph-based solution using Dijkstra's algorithm to reduce congestion by 20%
- Modeled 15% cost savings and 25% improvement in route efficiency through optimized planning
- Utilized Folium to visualize routes, enabling clearer geospatial insights and decision-making

Tech: Python, BeautifulSoup, Numpy, XGBoost, Keras, Folium, Dijkstra's algorithm, Jupyter

MNIST Digital Classifier *Nov'24 – Dec'24*

- Engineered a high-accuracy digit classifier using deep learning on the MNIST dataset, achieving 98% accuracy
- Architected and implemented a 5+ layer Convolutional Neural Network, improving classification speed by 20% and accuracy by 10%
- Optimized model using batch normalization enhancing generalization and reducing overfitting
- Deployed the model with an interactive interface for real-time digit recognition with minimal latency

Tech: Python, CNN, TensorFlow, Numpy, Google Colab

Weather Data Analysis *Aug'24 – Oct'24*

- Designed 5+ rich visualizations, cutting data interpretation time by 35%
- Revealed key seasonal patterns, improving climate trend analysis by 25%
- Assessed temperature, humidity, and precipitation to boost prediction accuracy by 20%
- Leveraged EDA techniques to reveal hidden correlations and anomalies in weather data

Tech: Python, EDA, Data Visualization

CERTIFICATES

- Data Analytics – Deloitte Australia Forage *Jul'25 – Jul'25*
- Natural Language Processing – Infosys Springboard *Feb'25 – Mar'25*
- IBM SQL & DBMS - Coursera *Jan'25 – Feb'25*

EDUCATION

- **Lovely Professional University** Punjab, India
  Bachelor of Technology - Computer Science and Engineering; ***CGPA: 8.00*** *Aug'22 – Jul'26*
- **Summer Valley School** Dehradun, Uttarakhand
  Class XII; ***Percentage: 93%*** *Apr'21 – Mar'22*
- **Summer Valley School** Dehradun, Uttarakhand
  Class X; ***Percentage: 93.8%*** *Apr'19 – Mar'20*