Ashi Gupta

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SKILLS

- **Languages**: Java, Python, SQL
- **Frameworks**: Springboot, Pandas, TensorFlow, Keras
- **Tools/Platforms**: Tableau, IntelliJ, MySQL, GoogleColab, Jupyter, Github
- **Soft Skills**: Adaptibility, Time Management, Prioritization, Communication

TRAINING

- **Programming Pathshala - Renaissance** *Nov'24 – Jan'25*
  Apprentice
  - **About**: Grasped Fundamental and advanced data structure and algorithms, enhancing troubleshooting skills and coding efficiency
  - **Tech stacks used**: Java, Data Structures and Algorithms
- **Job Aaj Learnings - Tableau Mastery** *Jun'24 – Jul'25*
  Novice
  - **About**: Orchestrated adavanced data visualization skills using Tableau, creating interactive and insightful dashboards for effective data analysis

    Leveraged Tableaus's features for data blending, filtering and custom calculations, enhancing data driven decision making capabilities
  - **Tech stacks used**: Tableau and Dashboards

PROJECTS

- **Navy Analysis and Route Optimization**: *Feb'25 – Mar'25*
  Collected 1000+ data points on maritime routes, optimizing data coverage for route analysis
  Engineered 5+ visualizations, reducing data interpretation time by 30%
  Planned implementation of graph based algorithm, targeting a 20% reduction in route congestion
  Projected 15% cost reduction and 25% route efficiency improving data driven insights
  Tech: Python, BeautifulSoup, Selenium, Numpy, XGBoost, Keras, Folium, Dijkstra's algorithm

- **Weather Data Analysis**: *Aug'24 – Oct'24*
  Engineered 5+ detailed visualizations, reducing data interpretation time by 35%
  Identified 3+ key insights on seasonal trends, enhancing climate analysis efficiency by 25%
  Analyzed temperature, humidity and precipitation data, improving trend prediction accuracy by 20%
  Applied EDA techniques to uncover correlations and anomalies for comprehensive weather analysis
  Tech: Python, EDA, Data Visualization

- **Weather App**: *Apr'24 – Jun'24*
  Streamlined an intuitive weather app with a user- friendly Tkinter GUI, boosting user engagement by 50%
  Integrated geolocation and timezone features using Geopy and TimezoneFinder, improving response time by 15%
  Utilized Requests and PIL libraries to fetch and display real- time weather data with enhanced visual appeal
  Ensured smooth application performance with optimized backend process, enhancing user experience
  Tech: Python, Tkinter, Geopy, TimezoneFinder, Requests, PIL GitHub

CERTIFICATES

- Supervised Machine Learning - Coursera *Feb'25 – Mar'25*
- Data Analysis with Tableau - Coursera *Feb'25 – Mar'25*
- IBM SQL - Coursera *Jan'25 – Feb'25*
- Renaissance - Programming Pathshala *Sep' 24 – Oct' 24*
- MongoDB - MongoDB *Jun'24 – Jul'24*

EDUCATION

- **Lovely Professional University** Punjab, India
  Bachelor of Technology - Computer Science and Engineering; ***CGPA: 7.96*** *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%*** *Apr'19 – Mar'20*