Full Name

Bareilly, Uttar Pradesh

+91 Mobile No | Email Address | LinkedIn Prifile URL | GitHub Link

Education

- Currently pursuing **Bachelor of Technology** at Invertis University (2022-2026), with a current CGPA of **9.2**.
- Completed **Higher Secondary (10th)** in 2022 with a score of **90.6%** from XYZ School.
- Completed **Senior Secondary (12th)** in 2020 with a score of **90.4%** from XYZ School.

Skills

- **Programming**: Python (Advanced), C++ (Intermediate), Java (Basic), JavaScript, HTML/CSS
- **AI/ML Frameworks**: TensorFlow, Scikit-learn, Keras, Pandas, NumPy
- **Tools & IDEs**: Git, GitHub, Jupyter Notebook, Visual Studio Code
- **Visualization**: Tableau, Power BI, Matplotlib
- **Databases**: MySQL, MongoDB
- **Other**: REST API, FastAPI, Agile/Scrum

Experience

Company Name **May 2024 – Jul 2024**

Position *New Delhi, India*

- Developed a predictive model for Alzheimer's disease detection using Support Vector Machine (SVM) and Artificial Neural Network (ANN) algorithms.
- Achieved high model performance by comparing SVM and ANN approaches, with comprehensive evaluation using accuracy, precision, recall, and F1-score.
- Utilized Python ecosystem including Scikit-learn, TensorFlow, Pandas, NumPy, and Jupyter Notebook for comprehensive model development.

Company Name **May 2024 – Jul 2024**

Position *Remote, UAE*

- Collaborated in designing interactive dashboards using Tableau and Power BI to transform complex business data into actionable insights.
- Enhanced dashboard functionality by integrating Python scripts for dynamic data manipulation and real-time updates.
- Participated in agile team discussions, developing innovative visualization strategies to meet diverse client requirements.

Projects

Project Name **Mar 2025 – Apr 2025**

Technologies Used in Project *Individual Project*

- Developed a backend API to summarise chat conversations using FastAPI, integrated with MongoDB for persistent storage.
- Implemented RESTful endpoints with user authentication and secure chat data handling for summarisation tasks.

Structured models and routes with robust data validation, resolving data type mismatches and improving API reliability.

Project Name **Mar 2025 – Apr 2025**

Technologies Used in Project *Research Project*

- Developed a predictive model to detect Alzheimer's disease using SVM and ANN algorithms.
- Worked on a dataset of 90,000 MRI brain scan images, performing data cleaning, feature extraction, and selection.
- Implemented SVM for initial classification and ANN for improved predictive performance, comparing both models.
- Evaluated model performance using key metrics including accuracy, precision, recall, and F1-score.

Project Name **Mar 2025 – Apr 2025**

Technologies Used in Project *Individual Project*

- Developed a dynamic website inspired by the ONDC initiative in India, promoting local businesses and products.
- Implemented responsive web pages using HTML, CSS, and JavaScript along with Bootstrap for enhanced functionality.
- Integrated payment gateways to allow secure online transactions.

Leadership & Awards

- Recipient of $1,000 academic scholarship for exceptional performance in data analytics from St. Louis University.
- Achieved finalist position in the IBM Z Datathon.
- Nominated for excellence in academics and outstanding contribution to university projects.

Certifications

- **Improving Deep Neural Networks** - DeepLearning.AI (92.80% score)
- **Unsupervised Machine Learning** - IBM (88.20% score)
- **Foundations: Data, Data, Everywhere** - Google Data Analytics Professional Certificate (97% score)
- **Algorithmic Toolbox** - University of California San Diego (97.42% score)