Bheeni Agarwal

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Professional Summary

B.Tech CSE Data Science student with strong foundation in Machine Learning, Statistical Analysis, and Data-driven Problem Solving. Proficient in Python, Java, and ML frameworks with hands-on experience building predictive models and data visualization projects. Completed 3+ certified data science programs from IIT Kharagpur and deployed 5+ end-to-end ML applications. Seeking opportunities to leverage analytical skills and programming expertise in AI ML Data Science roles.

Education

Ajay Kumar Garg Engineering College (AKGEC) — **Sept 2024 – Sept 2027**
Bachelor of Technology in Computer Science and Engineering (Data Science) — *Ghaziabad, UP*

Galgotias University — **Aug 2022 – May 2024**
Polytechnic Diploma in Computer Science and Engineering — *Greater Noida, UP*

H.M Memorial School — **Apr 2020 – Jun 2022**
Senior Secondary Education (PCM) — *Jhansi, UP*

Technical Skills

Programming Languages: Python, Java, SQL, JavaScript, HTML, CSS
Data Science Libraries: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras
Machine Learning: Supervised Learning, Unsupervised Learning, Regression, Classification, Model Evaluation
Data Analysis Tools: Jupyter Notebook, Google Colab, Excel, Tableau, Power BI
Database Technologies: MySQL, PostgreSQL, MongoDB
Developer Tools: Git, GitHub, VS Code, REST APIs, Postman
Core Competencies: Statistical Analysis, Data Visualization, Exploratory Data Analysis, Predictive Modeling, A/B Testing, ETL

Projects

Titanic Survival Prediction Model — Live — *Python, Scikit-learn, Pandas, Logistic Regression* — **GitHub**

- Developed machine learning classification model to predict passenger survival on Titanic dataset with 82% accuracy
- Performed comprehensive EDA, handled missing values, engineered features including family size and fare binning
- Implemented logistic regression with hyperparameter tuning and evaluated model using precision, recall, and F1-score
- Deployed interactive prediction interface and visualized feature importance using confusion matrix and ROC curves

Student Performance Analysis System — Live — *Python, Pandas, Seaborn, Statistical Modeling* — **GitHub**

- Conducted exploratory data analysis on 1000+ student records to identify factors affecting academic performance
- Applied statistical techniques including correlation analysis, hypothesis testing, and distribution analysis
- Created 15+ data visualizations using Matplotlib and Seaborn to communicate insights to stakeholders
- Discovered significant correlations between parental education, study time, and exam scores with 95% confidence level

Real-Time Weather Forecast Application — Live — *JavaScript, HTML/CSS, OpenWeather API, REST* — **GitHub**

- Built responsive web application fetching real-time weather data for 200+ global cities using OpenWeather API
- Implemented asynchronous JavaScript with Promises and async/await for efficient API data retrieval
- Designed modern UI with CSS animations and dynamic content rendering based on weather conditions
- Integrated geolocation services to provide personalized weather information based on user location

Experience

Training and Placement Cell, AKGEC — **May 2025 – Present**
Student Coordinator — *Ghaziabad, UP*

- Coordinate campus recruitment drives managing data for 500+ students across multiple engineering streams
- Maintain student placement database using Excel and SQL for tracking applications and interview schedules
- Assist in organizing technical workshops, mock interviews, and resume building sessions for career preparation
- Facilitate communication between recruiters and students improving placement process efficiency by 30%

Team Footprints, AKGEC — **May 2025 – Present**
Creative Artist and Designer — *Ghaziabad, UP*

- Design promotional materials including posters, banners, and social media content for 20+ college events
- Collaborate with team members using Figma and Canva to create cohesive visual branding campaigns
- Apply data-driven design principles by analyzing engagement metrics to optimize visual content performance

Certifications and Achievements

Certifications: AI and Data Science Program (IIT Kharagpur) | Machine Learning with Python (Coursera-IBM) | Java DSA Bootcamp (Coding Ninjas) | SQL for Data Science (Coursera-UC Davis) | Python for DS and ML (Udemy)
Achievements: GSSoC'25 Contributor - Selected for open-source ML projects | Top Performer - AI Camp by IIT KGP (Top 10% of 500+) | Best Project Award - Data Science Track by AKGEC faculty