# Anurag Gupta

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## OBJECTIVE

An independent and self-motivated hardworking individual dedicated towards goals.

## EDUCATION

- Bachelor of Science in Computer Science
  *Rajiv Gandhi College, University of Mumbai*                    *8.3 SGPA | 2021 - 2024*
- XII, Sainath Junior College, Maharashtra Board                  *72.00% | 2019 - 2021*

## TECHNICAL SKILLS

- **Programming Languages:** JavaScript, Python
- **Frontend Development:** Angular, React.js, HTML, CSS, Bootstrap, EJS
- **Backend Development:** Node.js, Express.js, RESTful APIs
- **Databases:** MongoDB, MySQL
- **Machine Learning:** Pandas, NumPy, Matplotlib, Seaborn
- **Data Science**: Data Preprocessing, Supervised & Unsupervised Learning
- **Tools & Platforms:** Git, Postman, Power BI, Tableau, Jupyter Notebook, JWT Authentication
- **Others**: JWT Authentication, Excel, Data Visualization, Data Analysis

## PROJECTS

**Rock Vs Mine Prediction |** *Machine Learning, Python, VS Code*                    *April 2024*
- Developed a machine learning model for sonar rock vs. mine classification with 92% **accuracy**.
- Cleaned and preprocessed data, improving quality and performance by 85%.
- Utilized **Python** libraries (**Pandas, NumPy, Scikit-learn**) for data manipulation and model building.
- Implemented and optimized classification algorithms, **enhancing** prediction accuracy.
- Visualized performance using **Matplotlib** and **Seaborn**, ensuring model reliability through cross-validation.
  - ➢ (GitHub Link)

**Login-Signup-System with** *JWT MySQL and Angular*                    *Nov 2024*
- Developed secure user **authentication** with **Angular**, JWT, and MySQL, achieving 99% success in login/signup operations.
- Implemented **middleware** for route protection and unauthorized action prevention.
- Structured a modular architecture for user registration, login, and dashboard, enhancing code maintainability.
- Integrated Winston for real-time error tracking and used Angular domain validation for improved input accuracy and error handling.
  - ➢ (GitHub Link)

**HR ANALYTICS DASHBOARD |** *Power BI, SQL, Tableau, Excel*                    *July 2024*
- Developed **KPIs** to track employee count, boosting workforce **visibility by 90**%.
- Standardized attrition tracking, increasing data accuracy by 95%.
- Implemented attrition rate measures, enhancing turnover assessment by 85%.
- Differentiated active/inactive employees, boosting productivity assessment by 80%.
- Analyzed employee age for succession planning, enhancing demographic visibility by 75%.
- Ensured 99% data consistency in Tableau and Power BI dashboards for HR decision-making.
  - ➢ (Power BI), (SQL), (Tableau)

**Sales & Profit Analysis Project |** *Python, Pandas, Plotly*                    *June 2024*
- Analyzed sales and profit trends using **Python** and **Pandas**, creating interactive **Plotly** visualizations for **monthly sales**, **profit by category**, and **sales by customer segment**. .
- Performed **data preprocessing** and **feature engineering** to generate time-based features like **Order Month** and **Order Year**.
- Developed **pie**, **line**, and **bar charts** to visualize key business metrics. Provided insights for decision-making, highlighting profitable categories and segments.
  - ➢ (GitHub Link)

## CERTIFICATIONS

- HackerRank SQL (HackerRank)                                   **July 2024**
- Career Essentials in Data Analysis by (Microsoft and LinkedIn)    **May 2024**
- Python For Beginners by (Simplilearn)                         **June 2022**
- Data Science with Python by (Simplilearn)                     **May 2022**