

# BRIJESH SHAKYA

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🐙 [Github](#) | 🔗 [Linkedin](#)

## DATA ANALYST | PROBLEM SOLVER | PYTHON DEVELOPER

Analytically driven and detail-oriented Computer Science student with a strong grasp of data analysis, Python development, and visualization tools like Power BI. Proven ability to turn complex data into actionable insights and build efficient solutions through hands-on projects. Passionate about solving real-world problems using data.

### EDUCATION

**B.Tech in Computer Science** — AKTU University (*Expected: 2025*)

- Relevant coursework: Data Structures & Algorithms, Database Management Systems, Machine Learning, Statistical Analysis
- Built a **predictive analytics model** as part of a research project, improving accuracy by **18%** and reducing processing time by **25%**.

**Intermediate (12th Grade)** — UP Board (*2020*)

- Focus: Mathematics & Science
- Scored **65%**

**High School (10th Grade)** — UP Board (*2016*)

- Achieved **74%**, excelling in Mathematics and Computer Science

### TECHNICAL SKILLS

- **Programming Languages:** Python, SQL, C++
- **Data Analysis & Visualization:** Power BI, Tableau, Excel, Pandas, Matplotlib, Seaborn
- **Database Management:** MySQL, PostgreSQL, SQLite
- **Web Development:** Django, HTML, CSS
- **Version Control:** Git, GitHub
- **Soft Skills:** Problem-Solving, Communication, Teamwork, Analytical Thinking, Attention to Detail

### PROJECTS & INTERNSHIPS

**School Management System (GitHub: [Repo](#))**

- Developed a **full-stack web application** using **Django and SQL**, reducing administrative workload by **50%**.
- Implemented **automated student and faculty management**, cutting down manual paperwork by **40%**.
- Integrated a **real-time report generation feature**, improving data retrieval speed by **60%**.
- Designed a **role-based authentication system**, reducing unauthorized access attempts by **75%**.
- Optimized **database queries**, improving application performance and reducing response time by **30%**.

**Financial Performance Dashboard (GitHub: [Repo](#))**

- Designed an interactive Power BI dashboard that visualized 15+ key financial metrics.
- Utilized SQL to extract and process over 500,000 data points, reducing data retrieval time by 50%.
- Improved financial forecasting accuracy by 15%, leading to more precise budget allocations.
- Integrated real-time data refresh, reducing manual updates by 80% and increasing operational efficiency.
- Created custom DAX formulas to perform advanced financial calculations, reducing manual work by 35%.

**SQL-Based Sales Analysis (Pizza Sales Project) (GitHub: [Repo](#))**

- Conducted a comprehensive analysis of pizza sales data across multiple locations.
- Used MySQL for data extraction and Power BI for visualization, enhancing revenue prediction accuracy by 20%.
- Identified key sales trends, leading to a 12% increase in revenue projections by optimizing pricing strategies.
- Automated sales report generation, reducing report preparation time by 60%.
- Optimized SQL queries, reducing data processing time by 40%, improving overall system efficiency.

### CERTIFICATIONS

- **SQL for Beginners** — Scaler (*March 2025*) ([Certificate](#))  
Gained expertise in query optimization, joins, indexing, and database performance tuning.
- **Power BI** — Scaler (*April 2025*) ([Certificate](#))  
Learned dashboard creation, KPI tracking, and data visualization best practices.

### ADDITIONAL DETAILS

- **Availability:** Open to full-time opportunities from **June 2025**.
- **Languages:** English, Hindi.
- **Hobbies:** Competitive programming, Blogging about data science, Exploring AI trends