

Shreeyali Singh

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GitHub | LinkedIn

EDUCATION

VIT Bhopal University

Bachelor of Technology

Major in Computer Science and Engineering

Cumulative GPA: 8.36

Schore, Madhya Pradesh, IN.

Aug 2022 – May 2026

TECHNOLOGIES AND TOOLS

- **Languages:** Java,, JavaScript, HTML/CSS, Python.
- **Data Analysis And Visualization:** PowerBI, Tabelau, Microsoft excel, EDA, Feature Engineering.
- **Machine Learning:** Deep learning, Neural Networking, Generative AI tools (ChatGPT, Gemini, Claude), LLM.
- **Databases:** MySQL, MongoDB .
- **Version Control:** Git, GitHub.
- **Frameworks and Libraries:** Pandas, Numpy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, PyTorch, Keras, OpenCV.

INTERNSHIPS

Data analysts

Dec 2024 – Jan 2025

Expedien eSolutions - Noida

- Streamlined data pipelines across 3+ scalable platforms, boosting data processing speed and system responsiveness by 35%.
- Developed 20+ analytical SQL queries and Python-based reporting workflows, enhancing data accessibility.
- Automated recurring data aggregation tasks, improving reporting efficiency for internal stakeholders by 40%.

PROJECTS

JAIN-E-COMMERCE

GitHub Repo

- Developed a robust E-Commerce Sales Dashboard that analyzes yearly revenue, expenses, profit margins, and budget comparisons, supporting effective business monitoring.
- Designed and implemented 10+ interactive visualizations—including bar, line, and pie charts—to highlight high-impact financial and sales metrics.
- Integrated dynamic slicers for flexible, time-based filtering, enabling deep-dive analysis into 12-month performance trends and business growth opportunities.
- **Tech Stack:** PowerBI, Excel, Dashboarding.

TRAVEL TACKER

GitHub Repo

- Designed 7+ interactive charts and KPIs to visualize critical metrics, including departmental costs, manager workloads, and a real-time approval status distribution.
- Developed a dashboard to track a \$6M+ travel budget for 300 employees across 4 departments.
- Integrated 4 dynamic slicers for granular analysis of spending patterns and operational efficiency.
- **Tools :** PowerBI, Excel, Dashboarding.

BRAIN TUMOR DETECTION

GitHub Repo

- Trained deep learning models on 5,000+ MRI scans, achieving 87% classification accuracy for tumor stages.
- Architected a custom CNN pipeline, reaching 90% precision in detecting cognitive decline severity.
- Visualized MRI-based biomarkers using OpenCV and Matplotlib for interpretability in medical review.
- **Techniques:** Python, TensorFlow, Keras, OpenCV, NumPy, Pandas

ACHIEVEMENTS

- Ranked among Top 20 in ZS CampusBeatsamong 6,000+ entries.
- Finalist at Kriyeta 4.0 Hackathon among 1000+ participants,where I contributed to building an innovative technology-driven solution for real-world challenges, showcasing teamwork, creativity, and technical expertise.

EXTRA-CURRICULARS

- Core Member at Health-O-tech club at VIT Bhopal University