

## Shreeyali Singh

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Linkedin | GitHub | Portfolio

### EDUCATION

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#### 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

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- **Languages:** Java, Python, JavaScript, HTML, CSS, SQL.
- **Tools/Cloud:** AWS Cloud, PowerBI, SAP (SD & MM), MS Excel.
- **Front-end:** ReactJS, Tailwind CSS, Material UI, Bootstrap.
- **Back-end:** Node.js, Express.js, Postman, REST-API.
- **Databases:** MongoDB, Relational Databases (MySQL).
- **Version Control:** VScode, Git, GitHub.
- **Relevant Coursework:** Data Structure and Analysis of Algorithms, Operating Systems, Computer Networks, Database Management.

### CERTIFICATIONS

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- **Cloud computing**, NPTEL
- **Market Analysis**, NPTEL
- **IBM AI engineer**, IBM.
- **IBM devops, Agile & Design thinking**, IBM
- **AWS Academy Cloud formation**, AWS
- **AWS Academy Solution Architect**, AWS

### WORK EXPERIENCE

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#### 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 and reducing manual processing time by 50%.
- Automated recurring data aggregation tasks, improving reporting efficiency for internal stakeholders by 40%.

### PROJECTS

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#### KIARA

GitHub Repo

E-commerce platform

- Launched a responsive web-based storefront with seamless navigation, secure transactions, and faster page load times.
- Engineered a custom checkout experience, resulting in a 15% increase in completed orders.
- Secured user authentication and access with encrypted Passport-based login systems.
- **Tech Stack:** Node.js, Express.js, MongoDB, EJS, REST APIs, Razorpay Integration

#### SWAPHUB

GitHub Repo

Campus Centric Marketplace

SwapHub – A Campus-Centric Marketplace for Students

- Built a full-stack platform for students to buy, sell, or donate goods locally, increasing student engagement within the first month.
- Integrated real-time chat with Socket.IO and role-based access control for secure transactions.
- Optimized item discovery through smart filtering and a responsive dashboard, improving user retention.
- **Tech Stack:** Node.js, Express.js, EJS, Tailwind CSS, MongoDB, REST APIs, Passport.js, Razorpay/PayPal

#### BRAIN TUMOR DETECTION

GitHub Repo

Research-Based ML Project

- 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.
- Technologies: Python, TensorFlow, Keras, OpenCV, NumPy, Pandas

### CO-CURRICULARS

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- Ranked among Top 20 in ZS Campus Beats among 6,000+ entries.
- Finalist at Kriyeta 4.0 Hackathon among 1000+ participants.
- Core Member at Health-O-tech club at VIT Bhopal University