

Shreeyali Singh

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Linkedin | GitHub | Portfolio

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, Sql.
- **Tools/Cloud:** AWS Cloud,.
- **Front-end:** ReactJS, Tailwind CSS, Bootstrap .
- **Back-end:** Node.js, Express.js, Postman, REST-API.
- **Databases:** MongoDB, Relational Databases (MySQL) .
- **Version Control:** VScode, Git, GitHub.
- **Relevant Coursework:** DataStructure and Analysis of Alogrithm, Operating Systems, Computer Netwoks, Database Management.

CERTIFICATIONS

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

WORK EXPERIENCE

Software Engineering intern

Sept 2024- Nov 2024

Expedien eSolutions – Nodia

- Engineered an internal communication portal for 150+ employees, streamlining collaboration and reducing coordination delays.
- Developed and deployed real-time one-to-one and group chat modules with file sharing and logging, increasing team response speed by 4%.
- Optimized relational database schemas and queries, reducing query execution time by 10% for concurrent multi-user interactions.

PROJECTS

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 flow that boosted completed orders by 30%.
- Secured user authentication and access with encrypted Passport-based login systems.
- **Tech Stack:** Node.js, Express.js, MongoDB, EJS, REST APIs, Razorpay Integration

PAWVADIYA

GitHub Repo

Vetinary Healthcare Platform

- Integrated a Retrieval-Augmented Generation (RAG) system, improving accuracy of decision support by 45% in veterinary care queries.
- Deployed a Google Gemini-powered chatbot for intelligent, real-time assistance, enhancing user engagement and query resolution.
- Leveraged Cloudinary to securely store 1K+ veterinary health records, ensuring compliance and high availability..
- **Tools:** Node.js, Express.js, React.js, MongoDB, PayPal Payment Middleware, Cloudinary, Nodemailer, Multer, Gemini API.

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

- 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