

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, 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

- **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

Full Stack Web Developer

March 2025 – June 2025

Zyntriq AI Solutions

- Built TheOptionHedge, a MERN-based trading app, boosting real-time data rendering and engagement by 40%.
- Deployed the platform on Hostinger, integrating 15+ secure RESTful API endpoints and optimizing frontend performance for faster load times and seamless UX.

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 experience, resulting in a 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

TRAVELMATE

Github Repo

Travel Companion Platform

- Developed a smart travel planning web app that improved itinerary with real-time suggestions and collaborative trip editing.
- Enabled secure user authentication and session management for users via Passport.js and OAuth.
- Integrated MapBox and location APIs to enable dynamic place recommendations, route optimizations, and travel logs.
- **Tools:** Node.js, Express.js, EJS, Bootstrap, MongoDB, REST APIs, Passport.js, MapBox, Cloudinary, Multer.

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