

YUKTIKA MISHRA

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Education

VIT Bhopal University , Bhopal, MP Bachelor of Technology in Computer Science and Engineering • Cumulative GPA: 9.19/10	Expected Graduation: 2026
Sanskar Public School , Gwalior, MP Class XII, CBSE • Percentage: 95.6%	2021
RamKrishna Vidya Mandir School , Gwalior, MP Class X, CBSE • Percentage: 97.2%	2019

Technical Projects

Personal Expense Tracker <i>Full-Stack Developer (MERN Stack)</i> • Engineered a full-stack web application using MongoDB, Express.js, React, and Node.js to facilitate personal financial management. • Implemented user authentication (JWT) and authorization to secure user data and transactions. • Developed features for expense categorization, dynamic budget setting with alerts, and interactive data visualization charts. • Optimized application performance, achieving a page load time of under 2 seconds for the dashboard.	Jan 2025 - Apr 2025
Brain Tumor Detection Website <i>Frontend Developer</i> • Collaborated in a team to build a web interface for a Convolutional Neural Network (CNN) model with 96% accuracy. • Developed the frontend using HTML, CSS, and JavaScript to allow users to upload MRI scans and view predictions. • Integrated the frontend with the Python-based backend API to ensure seamless data flow and result display.	Aug 2023 - Nov 2023
Petify: Animal Disease Prediction System <i>Frontend Developer</i> • Contributed to developing a website for an image-based animal disease classifier using CNN and ML models. • Built responsive and user-friendly UI components for image upload, form handling, and results display. • Assisted in connecting the frontend to backend services, ensuring efficient processing of user requests.	Jan 2025 - Apr 2025

Technical Skills

Programming Languages: Java, JavaScript, SQL
Web Technologies: HTML, CSS, React, Node.js, Express.js
Database & Tools: MongoDB, Git
Domain Knowledge: Full-Stack Development (MERN), DevOps Fundamentals

Certifications & Training

SmartBridge Full-Stack Development with MERN (MongoDB)	Jan 2025 - Apr 2025
IBM DevOps Fundamentals	Jan 2025 - Apr 2025

Additional Information

Languages: English (Professional Proficiency), Hindi (Native Proficiency)
Extracurricular Activities: Kathak dance, anchoring and volunteering, speeches and debates
Interests: Badminton, Painting, Reading Fiction, watching movies