YUKTIKA MISHRA

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Education

VIT Bhopal University, Bhopal, MP   2022 - 2026
Bachelor of Technology in Computer Science and Engineering
- Cumulative GPA: 9.19/10

Sanskar Public School, Gwalior, MP   2020 - 2021
Class XII, CBSE
- Percentage: 95.6%

RamKrishna Vidya Mandir School, Gwalior, MP   2018 - 2019
Class X, CBSE
- Percentage: 97.2%

Technical Projects

Personal Expense Tracker | *Full-Stack Developer (MERN Stack)*   Jan 2025 - Apr 2025
- Engineered a full-stack web application using MongoDB, Express.js, React, and Node.js with 15+ expense categories
- Implemented secure JWT authentication with password encryption and session management
- Developed interactive dashboard with data visualization using Chart.js and dynamic budget alerts
- Optimized performance, reducing dashboard loading time to under 1.8 seconds through code splitting

Brain Tumor Detection Website | *Frontend Developer*   Aug 2023 - Nov 2023
- Built responsive web interface for CNN model with 96.2% accuracy using HTML, CSS, and JavaScript
- Implemented drag-and-drop image upload feature with client-side validation for MRI scans
- Integrated with Python backend API using RESTful endpoints achieving 200ms average response time
- Created responsive design ensuring compatibility across 3 major browsers and mobile devices

Petify: Animal Disease Prediction System | *Frontend Developer (React)*   Jan 2025 - Apr 2025
- Developed React-based website for image-based animal disease classifier with 92% accuracy
- Built 15+ reusable UI components with React Hooks, reducing component re-renders by 25%
- Implemented form validation for 8+ input fields and progress indicators for image uploads
- Enhanced UX with responsive design principles and loading state animations

Technical Skills

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

Certifications & Training

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

IBM   Jan 2025 - Apr 2025
DevOps Fundamentals

Additional Information

Languages: English (Professional Proficiency), Hindi (Native Proficiency)
Extracurricular Activities: Kathak dance (8 years), anchoring and volunteering (15+ events), speeches and debates
Interests: Badminton, Painting, Reading Fiction, watching movies