

Khushbu Kumari Mandal

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📍 Sarlahi, Nepal

SUMMARY

Motivated Full Stack Web Developer with experience in developing responsive web applications using React.js, Next.js, PHP, Python, and Tailwind CSS. Skilled in frontend and backend development with foundational knowledge of AI/ML using TensorFlow and Keras. Passionate about building scalable, efficient, and user-friendly applications through modern web technologies.

EDUCATION

Padma Kanya Multiple Campus

Bachelor of Computer Applications (BCA)

Whitehouse International College

Higher Secondary Education – Management Stream (10+2)

Jaycees Secondary Boarding School

Secondary Education Examination (SEE)

Kathmandu, Nepal

2022 – Present

Kathmandu, Nepal

2020 – 2022

Kathmandu, Nepal

2007 – 2020

PROJECTS

TumorDetect | *Flask, TensorFlow, Python*

- * Developed a Flask-based web application that uses TensorFlow for MRI brain tumor classification, applying AI/ML to a real-world healthcare problem.
- * Designed the end-to-end pipeline from image preprocessing to model inference and result visualization within a user-facing web interface.

Job Portal System | *PHP, MySQL, JavaScript*

- * Built a full-stack job portal tailored for the Nepali recruitment market, supporting job listing, candidate profiles, and application management.
- * Implemented backend logic in PHP with MySQL for relational data storage, and dynamic front-end interactions using vanilla JavaScript.

Netflix Clone | *React.js, Firebase*

- * Created a full-stack Netflix clone featuring user authentication, protected routes, and streaming UI components using React.js and Firebase.
- * Implemented Firebase Authentication for secure login/signup and Firestore for real-time data management.

Portfolio Website | *Next.js, Tailwind CSS, TypeScript*

- * Developed a responsive personal portfolio to showcase projects and technical skills using Next.js with server-side rendering and Tailwind CSS for utility-first styling.
- * Used TypeScript throughout for type safety and maintainable code architecture.

HACKATHONS & PARTICIPATION

Code competition Hackathon Participant

2024

Web Development Hackathon

Kathmandu, Nepal

- * Collaborated with a team to design and develop a web-based solution within a limited time frame.
- * Built a functional prototype using modern web technologies and presented the solution successfully.
- * Gained practical experience in teamwork, rapid development, and problem-solving under pressure.

TECHNICAL SKILLS

Frontend: Next.js, React.js, Tailwind CSS, TypeScript, JavaScript, HTML5, CSS3

Backend: Node.js, PHP, Python, Django, Flask

Database: MySQL, MongoDB

AI/ML: TensorFlow, Keras

Languages: Python, JavaScript, Java, C, C#

Tools: Git, VS Code

Languages (Human): English (Fluent), Nepali (Native), Hindi (Fluent), Maithili (Native)