

# Sameer Khadka

Web App / Full Stack Developer

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Recent B.Sc. in Computing graduate with strong foundations in full-stack development using MERN stack technologies. Demonstrated ability to build responsive web applications and manage complex projects from conception to deployment. Seeking an entry-level software developer position where I can leverage my technical skills to contribute to innovative solutions and grow professionally.

## EDUCATION

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May 2021 - August 2024

**IIMS College, Dhobidhara, Kathmandu** - Bachelor of Computer Science (Honours)

**Relevant Coursework:** Web Development, Database Management, Software Engineering, Networking, SDLC Methodology

2018 - 2020

**St. Lawrence College, Chabihel, Kathmandu** - Higher Secondary Education (Science-Physics)

## TECHNICAL SKILLS

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**Frontend:** React.js, Next.js, HTML, CSS, JavaScript, Tailwind CSS, Framer Motion

**Backend:** Node.js, Express.js, RESTful APIs, Docker, Linux Server

**Database:** MongoDB

**Tools & Version Control:** Git, GitHub

**UI Frameworks:** shadcn/ui

## SOFT SKILLS

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**Strong Communication:** Clearly expressing ideas, both verbally and in writing

**Problem-Solving:** Identifying issues, analyzing options, and implementing solutions

**Learning and Adapting:** Learn new things and explore different concepts

**Time Management:** Prioritizing tasks effectively to meet deadlines

**Emotional Intelligence:** Maintaining professionalism and calm under pressure

**Teamwork and Collaboration:** Working efficiently with others to achieve shared goals

**Critical Thinking:** Evaluating situations logically and making informed decisions

**Leadership (Even in Non-Leadership Roles):** Taking initiative in group settings

## PROJECTS

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### Home Server and NAS( Network-Attached Storage)

- Built a home server and NAS using Linux based server OS Ubuntu/Debian
- For Network-Attached Storage used CasaOS on top of Ubuntu server
- Used Plex as Media Server to watch and stream Videos and Movies
- To access from anywhere used TailScale and WireGuard

**Technologies:** Ubuntu, CasaOS, TailScale, Plex, WireGuard

### Self-Hosted Private AI Model ( Using OLLAMA and DEEPSEEK - R1 )

- Built a Private AI Model using ollama and deepseek-r1 with 8b parameters.
- Can be used in terminal or web browser in offline mode
- Open WebUI is used to launch it on any browser make user friendly and easy and readable code format
- Docker is used to host Open WebUI locally and manage containers and Images

**Technologies:** OLLAMA, Deepseek-R1: 8B , Open WebUI, Docker

### Full-Stack E-commerce Platform

- Developed a e-commerce website using Next.js, Express.js, and MongoDB
- Implemented user authentication, product management, and Search functionality
- Utilized responsive design principles for optimal user experience across devices

**Technologies:** Next.js, Express.js, Node.js, MongoDB and Vercel for Hosting

### Classroom Management System

- Built a system for managing educational resources and student information
- Implemented role-based access control for administrators, teachers, and students
- Created RESTful APIs with MongoDB Atlas for seamless data management

**Technologies:** Next.js, Express.js, Node.js, MongoDB

### Portfolio Website

- Designed and developed a personal portfolio using latest web technologies
- Implemented smooth animations and transitions using Framer Motion
- Created reusable components with shadcn/ui and Tailwind CSS

**Technologies:** Next.js, Framer Motion, Tailwind CSS and Vercel for Hosting

## ACHIEVEMENTS

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- MERN Stack Developer Certification - Mindrisers Institute of Technology
- HackerRank Javascript Certification - HackerRank
- Runner-up in UI/UX Design Competition - IIMS College
- Best Computer Science Student / Group Project Award - St. Lawrence College