

# Digdarshan Khadka

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## EDUCATION

**Texas International College of Management and IT**  
*Bachelor of Information Technology (BIT)*

Kathmandu, Nepal  
September 2024 – Present

**Gaurishankar Multiple Campus**  
*High School Degree*

Dolakha, Nepal  
Graduated 2024

## TECHNICAL SKILLS

**Programming Languages:** Python, JavaScript, HTML, CSS, Java, C++  
**Frontend Technologies:** React, Vue.js, Angular, Bootstrap, Tailwind CSS, Responsive Design  
**Backend & Databases:** Node.js, Express.js, MongoDB, MySQL, PostgreSQL, RESTful APIs  
**Tools & Platforms:** Git, GitHub, VS Code, Figma, Docker, Linux, Postman  
**Networking:** TCP/IP, Routing & Switching, Wireless Networks, Network Security, VLAN Configuration  
**Other Skills:** UI/UX Design, Agile Methodologies, Data Structures, Algorithms, Problem Solving

## CERTIFICATIONS

**CCNA: Switching, Routing, and Wireless Essentials** | *Cisco*

2024

- Demonstrated proficiency in configuring and troubleshooting switched and routed networks
- Applied knowledge of VLANs, inter-VLAN routing, STP, EtherChannel, and wireless network fundamentals

**CCNA: Introduction to Networks** | *Cisco*

2024

- Gained foundational understanding of networking concepts, IP addressing, and network protocols
- Acquired hands-on experience with network device configuration and basic troubleshooting

## PROJECTS

**E-Commerce Web Application** | *React, Node.js, MongoDB, Express.js*

2024

- Developed full-stack e-commerce platform with user authentication, product catalog, and shopping cart
- Implemented RESTful API backend handling 1000+ concurrent users with optimized database queries
- Designed responsive UI using React and Tailwind CSS, improving mobile user engagement by 40%
- Integrated Stripe payment gateway and deployed application using Docker containers

**Network Infrastructure Design** | *Cisco Packet Tracer, CCNA*

2024

- Designed and simulated enterprise network topology for 500+ users across multiple VLANs
- Configured routers, switches, and wireless access points with security protocols and QoS policies
- Implemented redundancy using HSRP and load balancing to ensure 99.9% network uptime

**Portfolio Website with CMS** | *Vue.js, Figma, Firebase*

2024

- Built personal portfolio website with custom CMS for dynamic content management
- Created pixel-perfect designs in Figma and translated them into responsive Vue.js components
- Achieved 95+ Lighthouse performance score through code optimization and lazy loading

## EXPERIENCE & LEADERSHIP

**Freelance Web Developer**

Kathmandu, Nepal

*Self-Employed*

January 2024 – Present

- Delivered 5+ client projects including business websites and web applications using modern tech stack
- Collaborated with clients to gather requirements, design mockups in Figma, and implement solutions
- Maintained 100% client satisfaction rate through effective communication and timely delivery

**IT Student Ambassador**

Texas International College

*Campus Organization*

September 2024 – Present

- Organized technical workshops and coding bootcamps for 50+ students on web development topics
- Mentored junior students in programming fundamentals and guided them through project development

## ACHIEVEMENTS & ACTIVITIES

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**Hackathon Participant:** Participated in national coding competitions, developing innovative solutions under time constraints

**Open Source Contributor:** Contributed to open-source projects on GitHub, collaborating with global developer community

**Tech Community Member:** Active member of local developer communities and tech meetups in Kathmandu

**Continuous Learner:** Completed 20+ online courses on platforms like Coursera, Udemy, and freeCodeCamp