Aavash Gurung

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EXPERIENCE

Junior Full Stack Web Developer Intern
Xdezo Academy, Pokhara, Nepal — Aug 2022 – Nov 2022

- Designed responsive user interfaces with HTML, CSS, JavaScript
- Developed back-end APIs with Laravel and Node.js
- Managed MySQL databases and performed data integration
- Used Git/GitHub for version control and supported deployment on AWS

Peer Tutor – Front-End Web Development
Seneca Polytechnic, Toronto, ON — fall term 2024

- Tutored first-year students in HTML, CSS, and JavaScript fundamentals
- Assisted with debugging, responsive layouts, and web design best practices
- Promoted collaborative learning through one-on-one and group sessions

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Volunteer IT Support Technician
Scadding Court CC, Toronto, ON — Jan 2025 – Apr 2025

- Assisted community members with Windows OS troubleshooting and PC hardware setup
- Installed, updated, and cleaned up software to maintain performance and security
- Configured wireless networking and supported peripherals (printers, scanners)
- Provided patient, professional technical help to clients from diverse backgrounds

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TECHNICAL SKILLS

- **Languages**: C, C++, C#, Python, JavaScript, PHP, Laravel, HTML, CSS, SQL
- **Web Frameworks**: Laravel, Django

- **Hardware**: Raspberry Pi, Arduino, ESP, LabJack, Micro Sensors, Multimeters, Oscilloscopes and many more
- **Networking**: TCP/IP, DHCP, DNS, Subnetting, Routing (Cisco)
- **Tools**: Linux, Git, GitHub, AWS, AutoCAD, PADS, Eagle, Fusion 360
- **Game Development**: Unity (VR), C#
- **Software**: Microsoft Office 365, XAMPP, MySQL, VS Code, and more.

EDUCATION

Advanced Diploma in Computer Engineering Technology
Seneca Polytechnic, Toronto, ON
May 2023 – Dec 2025 (Expected)

Full Stack Web Development with PHP, Laravel & Python Django
Xdezo Academy, Pokhara, Nepal - Graduated 2022/23

ACADEMIC PROJECTS

- **IoT Burglar Alarm System** – Developed a motion-sensor alarm with LCD countdown using NXP FRDM-K64 microcontroller (C++)
- **Garage Door System** – Built H-Bridge with MOSFETs & optical sensors for remote-controlled automation
- **Library & Student Management Systems** – Created real-time record management systems in C/C++
- **Parking Assistant System** – Used ultrasonic sensors with Raspberry Pi and Python for obstacle detection
- **Web-Controlled Surveillance System** – Built a Raspberry Pi web server for remote camera access using HTML/CSS/JavaScript
- **Network Simulation Project** – Designed and simulated multi-subnet routing using Cisco Packet Tracer
- **VR Game Design** – Designed mission-based VR environment in Unity with interactive gameplay

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CERTIFICATIONS

- Full Stack Web Development (2 certifications: Laravel & Django) – Xdezo Academy
- WHMIS, First Aid, CPR, CompTIA A+ core 1 – Seneca Polytechnic
- Worker Health and Safety Awareness – Ministry of Labour, Training and Skills Development