Sajin Gurung

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Profile

A dedicated Bachelor of Information Technology (BIT) student with a strong foundation in programming, networking, and database management. Skilled in Java, Python, SQL, and web development technologies. Passionate about leveraging technology to solve problems and continuously enhancing technical expertise. Seeking opportunities to gain hands-on experience in IT-related roles.

Education

Bachelor of Information Technology
Texas College of Management and IT, Sifal, Kathmandu
Expected Graduation: 2027

Relevant Coursework:

- Object-Oriented Programming

- Database Management Systems

- Network Security

- Software Engineering

- Web Development

Technical Skills

- **Programming Languages:** Java, Python, SQL, C

- **Web Development:** HTML, CSS, JavaScript, Bootstrap

- **Networking:** Basic knowledge of OSPF, NAT, VLANs

- **Tools & Technologies:** Git/GitHub, XAMPP, Packet Tracer

Projects

Weather Monitoring System (ESP32, Sensors, Blynk App)

- Developed an IoT-based system to collect temperature, humidity, and pressure data using DHT11 and BMP180 sensors.

- Used ESP32 to transmit real-time data to a Blynk app for remote monitoring.

- Implemented basic data logging for analysis.

Basic Management Information System (MIS) in Java

- Designed a console-based system to store and manage employee records using file handling.

- Implemented OOP principles such as inheritance, encapsulation, and polymorphism.

- Added exception handling to improve reliability and error management.

Network Design Project (Packet Tracer)

- Designed a three-tier network architecture using Router-1 (ISR4331), multilayer switches, and access switches.

- Configured VLANs, inter-VLAN routing, and basic ACLs to enhance network security.

- Ensured efficient IP addressing (192.168.5.0/24) and subnetting for optimal performance.

Work Experience

Intern / IT Support Assistant / Part-time Role
ABC Company | 2024 - 2025

- Assisted in troubleshooting hardware and software issues for users.

- Gained hands-on experience in basic network configuration and system maintenance.

- Helped maintain databases and website updates using MySQL and WordPress.

Certifications & Training

- **Cisco Networking Basics (CCNA Introduction)**

Soft Skills

- Problem-Solving

- Communication

- Teamwork

- Adaptability

- Time Management