SUMIT JOSHI

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SUMMARY

I am a final year BIM student eager to gain real-world experience in the field of Cloud Computing and Cybersecurity. Currently completing the AWS Cloud Practitioner Essentials and the Google Cybersecurity Professional Certificate gaining hands-on exposure to cloud services, security fundamentals, monitoring, and incident response. I am interested in developing my skills as a Cloud Engineer, supporting cloud infrastructure, security best practices, and CI/CD environments in AWS-based systems.

SKILLS & INTERESTS

Cloud & Infrastructure (Foundational)

- Cloud computing models: IaaS, PaaS, SaaS
- AWS (Beginner): EC2, S3, IAM, VPC
- AWS Global Infrastructure & Shared Responsibility Model
- AWS Cloud Practitioner Essentials (currently learning)
- CI/CD concepts and workflows
- Infrastructure as Code (IaC) – Terraform (conceptual)

Cybersecurity & Monitoring

- Security Principles: CIA Triad, Access Control, Risk & Compliance
- Threats & Vulnerabilities, IDS/IPS concepts
- Incident Response lifecycle (Preparation → Detection → Containment → Recovery)
- Cloud Logging & Monitoring fundamentals (Beginner)

Programming

Basic scripting & markup: HTML, CSS, introductory Python (learning)

EDUCATION

Tribhuvan University (St Xavier's College)   **Kathmandu, Nepal**
Bachelor in Information Management   *2021- present*

- A comprehensive course (126 credits) that includes subject matters related to Information Technology and Business Management. The course intermingles management themes with IT and explores the scope of cloud concepts, cybersecurity, databases, programming, and management.

Higher Secondary Education Board (Radiant Secondary School)   **Mahendranagar, Kanchanpur**
Higher Secondary Education (Science faculty)   *2018 - 2020*

- Pursued my higher secondary education within the Science faculty. Took classes for Physics, Chemistry, Mathematics, and Computer Science.

PROJECTS

BIM Summer Project

- Developed my summer project titled "GiveHeartedly: A Charity Fundraising Platform". GiveHeartedly is a fundraising website that allows users to create fundraising and donate to meaningful campaigns.
- The project was built using the MERN stack. Click Here for the GitHub repository of GiveHeartedly.

CERTIFICATIONS & LEARNING (ONGOING)

AWS Cloud Practitioner Essentials – AWS Skill Builder *(In Progress)*
- AWS core services, architecture, security, monitoring, and Well-Architected Framework.

Google Cybersecurity Professional Certificate – Coursera (*In Progress*)
- Threat detection, Linux, network security, incident response, compliance regulations, SIEM fundamentals.

PARTICIPATIONS

SXC SANDBOX 2.0 - A 48- HOUR HACKATHON   **Kathmandu, Nepal**
St. Xavier's College   *03/2025*
- 3rd place out of 27 teams
- Built "BikriBagaicha", a React Native app connecting farmers directly with vendors
- Collaborated in an agile team environment under tight deadlines
- [Click Here](#) for the GitHub repository of BikriBagaicha.

Hult Prize   **Kathmandu, Nepal**
St. Xavier's College   *02/2023*
- Participated as a competitor in the Hult Prize at St. Xavier's College, Nepal. Focused on sustainable fashion, our team presented a business idea on making apparels using recycled items.