Sujan Sapkota

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PROFESSIONAL PROFILE

I'm a Computer Engineering graduate with a solid foundation in software development and DevOps practices. I enjoy building robust, real-world systems — whether it's backend services or infrastructure workflows that ensure secure, reliable deployments. I like breaking down complex problems and turning them into simple, effective solutions. Always curious and learning, I'm passionate about leveraging technology to create efficient, secure, and impactful products.

SKILLS

Languages	Frameworks	DevOps Tools	Operating Systems	Soft Skills
• Python • C/C++	• Django • NumPy/Pandas	• Docker • GitHub Actions • AWS	• Mac • Linux • Windows	• Problem-solving • Communication • Team Leadership

PROFESSIONAL EXPERIENCE

Leapfrog Technology   *Link*

DevOps & SecOps Fellowship

Part of an 10-week immersive fellowship focused on real-world DevOps and security practices. Working on projects that involve automation, monitoring, and securing modern cloud-native systems.

Nepal Telecom   *Link*

11-week internship – Information System Support Directorate (ISSD)

Worked closely with the technical team on network monitoring, basic system maintenance, and configuration tasks. Gained hands-on experience using IT support tools and troubleshooting techniques in a real-world setting. Learned the importance of clear communication and teamwork in a tech-driven environment.

Link

Intel Institute – INTEL afterSEE

Website Admin

Managed and updated the organization's website, created digital content, and helped run online examinations using Moodle (eLearning platform). This role sharpened both my technical and organizational skills.

ACHIEVEMENTS AND CERTIFICATIONS

- **President of KEC IT Club (2024/25)** : Organized and participated in multiple workshops and bootcamps on
  - Web3.0 and Github,
  - Data manipulation using Numpy and Pandas,
  - Linux and OpenSource Contribution,
  - Dristi 3.0
- **48-hour Hackathon at KIST HackFest (2024)** : Developed a computer vision-based web application to analyze exercise poses, provide feedback, count reps, and gamify workouts with leaderboards.
- **PALS "Think Create Engineer" Program (2023)** : Completed a residential program at IIT Madras (India) focused on transforming engineers into innovators. Developed a "Airport Passenger Feedback System" as a project.
- **WISE BEE Hackathon Winner (2023)** : Developed a Hotel Booking Cancellation EDA and Prediction model, securing 1st place in the competition.
- **Foundation of Cybersecurity by Google(2023).** :Completed "The Google Foundation of Cybersecurity" course from Coursera.

PROJECTS

Nepashray : Developed a Django-based backend for a social platform featuring
- secure user authentication (login and email-based password recovery),
- dynamic dashboards for monitoring likes/comments and managing posts,
- an admin panel for post verification.

Hotel Booking Cancellation Prediction:
- Built an ML model to forecast cancellations using data preprocessing,
- Data visualization to extract information.

Real Time Network Anomaly Detection and Malicious URL detection with Network Visualization

EDUCATION

Bachelor in Computer Engineering
Kathmandu Engineering College   **Sept 2020 - Present**
Kalimati, 13 Kathmandu

Higher Secondary Education
Trinity International College and Higher Secondary School   **Jul 2018 - May 2020**
Dillibazaar, Kathmandu

Primary - Secondary Education
New Oasis Academy Higher Secondary School
Upallachaur, 4 Baglung   **Mar 2008 - Apr 2018**

REFERENCES

Er. Sudeep Shakya
Head of the Department
Department of Computer Engineering
Associate Professor
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