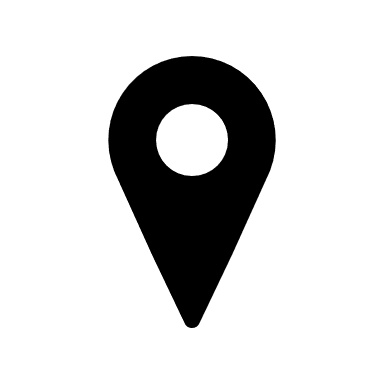
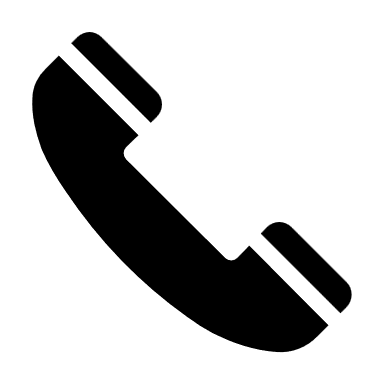
**ROSHAN KUMAR MANDAL**

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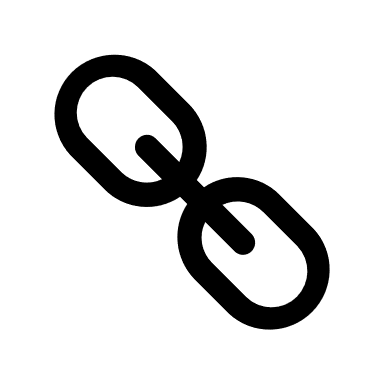


[Gaurighat, Kathmandu, Nepal](https://www.google.com/maps/@27.721728,85.36064,14z/data=!4m2!7m1!2e1?entry=ttu)



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**Summary**

Ambitious and always devoted to tasks in the field of networking and cyber-security. Embracing failures as steppingstones for growth, embrace daily challenges and staying adaptable to new opportunities for both learning and sharing.

**Education**

* **BSc (Hons) Computer Networking & IT Security 2021-Present**  
  Islington College

London Metropolitan University

Kamal Marg, Kamal Pokhari, Kathmandu, Nepal

* **SLC 2019**

Kantipur Secondary School

National Examination Board

Biratnagar-10, Morang

* **SEE 2019**

Shree Janta Banbali Secondary School

National Examination Board

Barchhawa Naraha, Siraha, Nepal

**Skills**

**Technical Skills**

* Operating System: Linux, Windows, MacOS, Android
* Programming Language: Java, Python
* Markup Language: HTML, CSS, JavaScript
* Applications & Software: Wireshark, Cisco Packet Tracert, Thunderbird, BlueJ, VS Code, VMWare, GNS3, Putty, MS Office, TOR, Nmap
* Cyber Security Skills: Creating Payloads, Man-In-The-Middle-Attack, Scripting
* Networking Skills:
* Knowledge of network security protocols.
* Managing and configuring network switches, routers, and wireless devices.
* Customer ID creation and customer portal management.
* Others: Hosting Websites and Knowledge of AWS Cloud

**Soft Skills**

* Communication
* Problem-Solving
* Leadership
* Time Management
* Good Listener

**Projects**

**Smart Dustbin**

* Programming Language: C programming
* Tools: Arduino IDLE, ThingSpeak
* It’s sensors automatically detects the signal, opens their lid panel with the help of servo motor, records the information, send it to the cloud platform ThingsSpeak for analysis which used stream system to send data and notify the user how much empty space available in the trashcan.
* [Link](https://github.com/Roshan2129/IOT_Projects)

**E-Commerce Static Website**

* Markup Language: HTML, CSS, JavaScript
* Tools: Balsamiq Wireframes, VS Studio, Google Chrome
* It helps to buys and Sell clothes between customers & shopkeepers and keeps track of user behavior.
* [Link](https://github.com/Roshan2129/Static_E-commerce_Website)

**Man-In-The-Middle-Attack**

* Operating System: Linux, Windows 7
* Tools: Wireshark, Ettercap, SSLsplit, Nmap
* It demonstrates how a hacker obtain personal information when two users are using an open or unprotected network.
* [Link](https://github.com/Roshan2129/Cyber-Security)

**Bill Printing System**

* Markup Language: Python
* Tools: Python IDLE
* It helps shopkeepers to generate bills for sold items, track a record of the goods, and inform the owner.
* [Link](https://github.com/Roshan2129/Python)

**Training & Certification**

**AWS Academy Cloud Foundation 2023**

AWS Academy -20 Hrs

**AWS Academy Cloud Security Foundation 2023**

AWS Academy -20 Hrs

**Linux Unhatched 2023**

Cisco Virtual Academyd -3 Hrs

**Ethical Hacking for Beginners to Advance 2023**

Microthingz -8 Hrs