

# Niladri Dhar

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Hello! I am Niladri Dhar, a 21-year-old B.Tech student pursuing Computer Science Engineering. I am deeply passionate about Software Engineering and have honed my skills in Cyber security , Devops and SDE. With a strong desire to create innovative and efficient solutions, I am dedicated to continuously enhancing my knowledge and expertise in the field. My commitment to excellence, coupled with my enthusiasm for problem-solving, drives me to excel in every project I undertake.

## Experience

### Zscaler (February 2024-present)

#### Devops Engineer Intern

- Putting up **AWS machines** using **Pulumi Python** and **Terraform**.
- Putting up various **API** servers using **Python Flask** as a backend.
- Managing **AWS** volumes and snapshots using **python boto3** module.
- Benchmarking various server performance using **python asyncio**.
- Various **ansible** jobs like:
  - Linux machine setup
  - Managing packages
  - User creation
  - Various automation jobs
  - Networking
  - Creating SSH configs

## Projects

### 1. Final Year Project: LinkUp

**Description:** A fully end to end encrypted responsive chat application.

#### Tech Stack:

- Flask (Backend)
- Html/css (Frontend)
- Sqlite (Database)
- socket.io (websocket)

**Link:** <https://github.com/alpha-hexor/LinkUp>

### 2. Room Booking Application

**Description:** A simple room booking application.

#### Tech Stack:

- Django (Backend)
- Html/css (Frontend)

**Link:** <https://github.com/alpha-hexor/room-booking>

### 3. Laugh Tale (Android App)

**Description:** A collaboration project with a java app developer to watch online content.

**Tech Stack:**

- Java
- xml
- Okhttp3
- Room database (sqlite)

**Contribution:** Scraping the website to get all the network requests

### 4. Av-Evasion

**Description:** A passion project regarding cybersecurity, generates encrypted shell code which will evade anti-virus.

**Tech Stack:**

- C (xor based encryption)
- Shell Script (Full automation)

**Link:** <https://github.com/alpha-hexor/av-evasio>

### **Skills**

- Linux Shell scripting
- Linux System management
- Python
- Python web frameworks [flask,django]
- Ansible
- CI/CD pipeline
- Pulumi / Terraform
- Networking
- Cyber Security Concepts
- AWS
- Regex
- Docker
- Web Scraping

### **Education**

- **Dr. Sudhir Chandra Sur Institute of Technology and Sports Complex ( 8 semester avg: 8.8)**  
**B.tech in Computer Science Engineering**
- **Baranagar Narendranath Vidyamandir- Class XII : 85% (West Bengal Council of Higher Secondary Education)**
- **Baranagar Ramakrishna Mission Ashrama High School- Class X : 90.14% (West Bengal Board of Secondary Education)**

### **Certifications**

- [Python Data Structures](#)  
[Bits and Bytes of Computer Networking](#)

## **Activities and Achievements**

- Flipkart grid hackathon (Unstop)
- ENY hackathon (Unstop)
- IBM CSRBOX academic internship
- 2 nd runner up in coding competition in college

## **Personal Details:**

- **Permanent Address:** 77, Sarada Pally , P.O: Nimta, Kol: 700049
- **Date of Birth:** 06/08/2001
- **Parent Name:** Lakshman Dhar (Retired Service man)
- **Alternate Contact Number:** +91 8420330049