

# Barun Acharya

barun.cc | barun1024@gmail.com | +91-9871323221  
Undergraduate , Full Stack Developer

## LINKS

Github:// [daemon1024](#)  
LinkedIn:// [barun-acharya](#)  
Twitter:// [@daemon1024](#)  
Telegram:// [daemon1024](#)

## SKILLS

### PROGRAMMING

Go • C • C++ • Rust

### SYSTEMS

Containers • eBPF  
LSMs ( AppArmor, SELinux )

### DEVOPS

Docker • Kubernetes  
Github Actions

### WEB

Javascript • Node.JS • React  
REST • GraphQL

### DATABASE

SQL • MongoDB

### OS

GNU/Linux

## COURSEWORK

### UNDERGRADUATE

Data Structures and Algorithms  
Computer Security  
Systems Programming  
Database Systems and Web

## ADDITIONAL

- Occasionally write blogs on my personal website - [barun.cc/posts](#)
- Conducting Meetups and Events as part of core team at **Open Source Developers Community**

## ACHIEVEMENTS

1/100+ BitBox Hack  
5/300+ AuthOHackathon  
2/300+ HackJaipur

## EXPERIENCE

### ACCUKNOX | SOFTWARE ENGINEERING INTERN

May 2021 - Present

- Worked on runtime security enforcement system - **KubeArmor**.
- Created and Maintaining **KubeArmor Client**
- Worked on a **Kubernetes security policy recommendation engine**.
- Contributed to eBPF-based Networking, Security, and Observability called **Cilium**.
- Technologies worked with: Go, eBPF, Kubernetes, Docker, LSM

### GOOGLE SUMMER OF CODE | STUDENT DEVELOPER

May 2021 – Aug 2021

- Expand and refine the various geographical features under the **Public Lab**'s website. This includes standardizing adding new leaflet environmental layers, increasing content on <https://publiclab.org/map> and various other refinements
- Final Report : [Link](#)
- Technologies worked with: Javascript, GitHub Actions, Ruby, MySQL

## OPEN SOURCE CONTRIBUTIONS

### PUBLIC LABS | CLI MAINTAINER

Contributions : • **Image-Sequencer** • **Plots2** • **PublicLabs.Editor**

### OSDC | CORE TEAM

Maintaining and Working on new fun community projects - [Ref](#)

### KUBERNETES | CONTRIBUTIONS

## PROJECTS

### BOLT262

It's a test harness that checks the conformance of various JavaScript engines against test262 tests.

### TABUREI | CHECKOUT ON FIREFOX STORE

TabuRei is an all-in-one browser extension to manage and store your tab clutter and restore them on the fly.

### NEEDZO | AUTHO HACKATHON (FIFTH - COMMUNITY)

Needzo lets vulnerable groups request deliveries and allows local volunteers to sort through those deliveries with a gamification system.

## EDUCATION

### JAYPEE INSTITUTE OF INFORMATION TECHNOLOGY

BTECH IN COMPUTER SCIENCE

2023 ( Exp. ) | Noida  
Cum. GPA: 8.3 / 10.0

### INDUS VALLEY PUBLIC SCHOOL

Grad. May 2019 | Noida, India  
Class X CGPA 10.0  
Class XII 90.4%