

Ove Bepari

Fully Vaccinated

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I am a tech enthusiast, a generalist graduate, explored every possible abstraction layers of CS and prefer to stay in the bottom layers, away from the general users and closer to the system. I find how two abstraction layers communicate with each other (IPC, API, RPC etc) interesting. I believe 90% of our daily problems can be solved using good communication!

Education

- Dhaka University of Engineering & Technology, Gazipur** *February 2018 - June 2022*
 - BSc, Computer Science and Engineering

Technical Skills

- C++, Python, GNU/Linux systems (5+ years), Web Frameworks (Django, Flask) and MVC architecture, Apache, Git, OSI Layers, Database & DBMS. I notice and enjoy other’s design choices (UI/UX, System Architecture, Typography etc)
- Algorithmic Problem Solving ([350+ and counting](#)), InfoSec Security Contests ([dovi-0x06](#) [@THM](#))

Experiences and Generalized Projects

- **Projects:** A lot of projects to understand various abstraction layers of Operating Systems such as, a user-space Linux file system: [sec.fs](#), that encrypts file contents in every write request, a [Github Clone: Gitbucket](#) - that lets us clone over http, [Browser Extensions](#), MS Outlook [desktop and web app extension](#), local network file servers, android os daemons, cli tools etc
- **Writing:** I write and investigate about Systems, System Architecture, GNU/Linux, [Software Daemons](#), File Systems (undergrad thesis on file systems on user space), syscalls (strace!), Infosec, [Computer Networks and the Internet](#) on my free time
- **TicketBD, an online bus ticket selling platform** *February 2016 - 2017*
 - [TicketBD](#), lauched on Sayedabad, Dhaka to sell bus tickets. Designed and implemented this PHP backend application, handled multiple buy requests to the same "bus seat" using caching. Worked here when I was in college.

Leadership Experiences (selected)

- **Vice President, Ex General Secretary - DUET Computer Society** *July 2021 - June 2022*
 - I managed and moderated DUETCS organization online repositories and profiles on [Github](#), [Website](#), [LinkedIn](#) and hosted offline events
- **Senior Vice President - DUET Sports Club** *July 2021 - Jan 2022*
 - Organized several inter-department Cricket and Football tournaments, learned how tough it is to finish a sports tournament in a chaotic setting like south asia

Awards and Certifications

- **ITEE, Level 2 - FE, Full Pass, Examinee No: FE01-0644** (Nov 2021, Information Technology Engineers Examination - ITEE is the national level IT Engineers Examination governed by IPA, Japan, considered as IELTS of CS)
- **Champion of Intra-DUET English Olympiad** (2019, Became the champion of Intra-DUET English Olympiad held by English Language Club, DUET)

Field of Interests

- Computer Systems, Core CS, World Peace, Mass/Public Education, [Visual Communication](#), Animal Conservation (Volunteered for a year at [Creative Conservation Alliance](#), [Turtle Conservation Center](#), [Bhawal National Park](#) in this lockdown), Sports and Poetry, Chess, Math, Online forums (Hacker News, Reddit), Local and Global Economy and anything that stirs the intellectual interest