Ove Bepari

Dhaka, Bangladesh, ovebepari@gmail.com, +880-16791221xx, **Github**: @ovebepari, LinkedIn: @ovebepari
Blog: `https://ovebepari.github.io`, Twitter: @ovebepari

I am a tech enthusiast, a generalist graduate, explored a lot of **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 - Aug 2022*
  - BSc, Computer Science and Engineering

Work Experience

- **Associate DevOps - Therap BD Ltd.** *August 2022 - Now*
  - Therap (BD) Ltd. is a US-based Software Company registered in Bangladesh, operating since 2004. Therap provides Software as a Service (SaaS) to government and private organizations globally that serve people with intellectual and developmental disabilities.
- **Backend Engineer - TicketBD** *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.

Technical Skills and Projects

- Algorithmic **Problem Solving** (400+ and counting), InfoSec **Security Contests** (dovi-0x06 @THM), C++, Python, GNU/Linux systems (5+ years), Web Frameworks / MVC architecture, Apache, Git, OSI Layers, Database & DBMS. I notice and enjoy other's design choices (UI/UX, System Architecture, Typography etc)
- **Projects:** A lot of projects to understand various abstraction layers of Operating Systems such as:
  - **Linux Virtual File System:** Sec_Fs, that encrypts file contents in every write request
  - **Github Clone**: Gitbucket - that lets us clone over http
  - **Browser Extensions:** Youtube Research Mode, MS Outlook desktop and web app extension
  - Local Network File Servers, Android OS Daemons, **Linux 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

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 the IELTS of CS). Here's a demo question.
- **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