

Ove Bepari
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Tech enthusiast and systems-oriented generalist with a passion for low-level abstractions, distributed computing, inter-process communication, and operating system design. Experienced in DevOps, backend systems, and Linux internals. I enjoy exploring how abstraction layers interact—from syscalls to APIs.

Work Experiences

- DevOps Engineer - Therap BD Ltd.** *August 2022 - Now*
Therap - US-based SaaS provider for disability services organizations, including US government clients.
 - Deploy, maintain, and troubleshoot JVM-based applications—including a 500MB+ monolith on WebLogic and Oracle DB—across Oracle Linux and cloud environments.
 - Built and managed observability pipelines with Vector (log transformation) and Falcon LogScale (real-time queries) for visibility into system behavior.
 - Investigate performance bottlenecks and system anomalies across networked Java modules using Wireshark, system logs, JFR-JMC and deep-dive debugging.
- Backend Engineer - TicketBD (Dead startup)** *February 2016 - 2017*
 - TicketBD, lauched in 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

Education

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

Leadership and Experiences (selected)

- **Culinary Advisory Committee Member - Therap BD Ltd.** *Feb 2025 - Current*
 - Selected breakfast and lunch menu for **450+ individuals** in home-grown kitchen, kept dietary preferences, allergies, and cultural considerations while designing menus, visited the kitchen for inspections, communicated with the chefs for healthier recipes
- **Vice President, Ex General Secretary - DUET Computer Society** *July 2021 - June 2022*
 - I managed and moderated DUETCS organization’s 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 complete a sports tournament in a chaotic setting like south asia
- **Twenty years of farming experience** (from childhood to end of college, thrive in low resources), **One year of living experience in a jungle** (Bhawal National Park, Gazipur for CCA Turtle Conservation Centre)

Field of Interests

- Computer Systems, Core CS, Cooking, Agriculture (grew up in a farming household), World Peace, Mass/Public Education, [Visual Communication](#), Animal Conservation (Volunteered for a year at [Creative Conservation Alliance](#), [Turtle Conservation Center](#), [Bhawal National Park](#) in 2021 lockdown), Sports and Poetry, Chess, Math, Online forums (Hacker News, Reddit), Local and Global Economy and anything that stirs the intellectual interest