

ARYA RESHAMDALAL

+91 9380983158 ♦ haryadadal26@gmail.com ♦ [Github](#) ♦ [Linked-in](#)

OBJECTIVE

Undergraduate Student with keen interest in problem solving and algorithmic thinking.

EDUCATION

Bachelor of Computer Science, BMSCE (CGPA-8.3)	2022-2026
Class 12, Delhi Public School Bangalore South (90%)	2020-2022

SKILLS

Languages	Java, C(basics), Python(basics), HTML, CSS, JavaScript, NodeJS, Express
Databases	MongoDB, MySQL
Course-work	Unix, DBMS, Computer Networks, Operating Systems, DSA

PROJECTS

Share Your Story Full-stack development-MongoDB, NodeJS, Express, CSS, JS, HTML [Project](#)

- Implemented domain-restricted **Google OAuth** with role-based access control to streamline user authentication and admin privileges. Optimized system load by reducing **CPU usage**
- Improving request **handling speed** by integrating real-time subforum chat using **Socket.IO**, enhancing peer-to-peer interaction within the platform.

Chest X-ray Analysis for Pneumonia Detection Deep Learning and CNN, Flask [Project](#)

- Using the lightweight **MobileNetV2** model, CPU usage was reduced, making the system much faster and more efficient than heavier models.
- Using **MobileNetV2**, the system can handle **2 times more requests per second**, making it **faster** than older, heavier models.

Automated Email Reminder System for Library Management Unix Operating System, SMTP API [Project](#)

- Improved app performance by using a single **yad form** instead of multiple **zenity** popups, making it faster and using **less CPU**.
- Enhanced user experience by reducing popups and streamlining input forms with yad, resulting in **faster interactions** during login and book borrowing.

Trade Simulator Python, Websocket, AsyncIO (Internship Assignment for GoQuant) [Part1](#) [Part2](#)

- Build a crypto trading simulator using **Websocket** to fetch **real-time** data from **OKX** exchange
- Improved system performance using **daemon threads** and **asynchronous I/O** for concurrent task handling.

EXTRA-CURRICULAR ACTIVITIES

- Completed graduation in classical dance form - **Kathak**.
- Completed Junior diploma in **Hindustani Classical Music**.
- Completed 21 days of teaching experience at a government school with an organization called **ITEACH**
- Completed internship selection project for **GoQuant**

Achievements

- Junior core member at **CODE-IO club** of BMSCE (Head for Marketing on social media through posters and video making)
- Part of organizing committee for BMSCE fest 'Utsav'