

YASHVARDHAN GUPTA

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🌐 [LinkedIn](#) — 🐙 [Github](#) — </> [LeetCode](#) — 📁 [Portfolio](#)

Education

B.Tech in Computer Science & Engineering

CGPA: 7.26 /10

Netaji Subhas University of Technology

2022 - 2026

XII CBSE

Percentage: 93.6%

Mother Divine Public School

2021 - 2022

X CBSE

Percentage: 92%

Mother Divine Public School

2019 - 2020

Work Experience

Software Engineer Intern — Oxytal — Remote

June 2025 - Current

Oxytal is a full-service digital agency specialized in best-in-class digital solutions.

Offer Letter

- Built a browser plugin to expose and list **100%** of website **cookies**, enhancing privacy compliance for **5K+** users.
- Engineered **cookie-blocking** logic to disable third-party tracking, **reducing unauthorized data sharing** by 80%.

Projects

Shopping Hub (Backend project)

[GitHub](#)

- Designed a **microservices-based** shopping platform comprising **4** core services: **Product Catalog**, **User Service**, **Email Notification**, and **Service Discovery**.
- Implemented secure dual-authentication (**user-password & Google OAuth2**) with OTP verification.
- Integrated **Kafka-based email** workflow for decoupling services for **70%** latency reduction, and added **Redis-backed JWT** revocation (**3 active sessions**), cutting MySQL calls by **50%**.
- Enforced **role-based** access control across **10+** APIs and a secure **logout** functionality.
- Developed Product Service with **CRUD**, **filtering**, **pagination**, and **sorting**, achieving **2×** faster product retrieval.
- **Tech Stack:** Java, Spring Boot 3, MySQL, Kafka, Eureka, Redis, OAuth2, Spring JPA, Hibernate.

Article Space (Full stack project)

[GitHub](#)

- Developed a Full-Stack article management platform that enables users to **create, read, update, delete, and manage** articles with **100%** CRUD coverage and responsive UI/UX.
- Integrated **Redis** based caching for static data and implemented server-side **pagination**, reducing average API response time from **500ms to 20ms**, enabling **25x** faster data retrieval for large datasets.
- **Tech Stack:** Spring Boot, MySQL, Redis, Spring JPA, Hibernate, React.js, Tailwind CSS, React Router, Framer Motion.

Technical Skills

Programming Languages

C++, Java, JavaScript, SQL

Development Tools

Spring Boot, NextJs(Beginner), ReactJs, Apache Kafka, Docker, Git, AWS, Postman

Databases

MySQL, MongoDB, PostgreSQL, Redis

Course Work

DSA, System Design, OS, DBMS, OOPS

Algorithmic Achievements

- Solved **700+** DSA problems on coding platforms like **LeetCode**, **codeforces** and **GFG**.
- Achieved rating of **1752** in leetcode's biweekly contest 152.
- Ranked **1109** among **50000+** candidates in codeforces contest **1009**, became **specialist** with a rating of **1410**.

Positions of Responsibility

• **Tech Lead — Nalum (Alumni Portal of NSUT)**

March 2025 - Current

- Implemented AWS S3 bucket multipart upload functionality, facilitating reliable uploading of large data files broken into 5MB chunks, which improved uploading speeds by 60% for files exceeding 100MB.
- Managed a team of **8 members** and ensured correctness and timely completion of tasks.

• **Head of Media Department — Junoon NSUT**

May 2025 - Current

- Led a team of **6 members** and ensured **100%** timely and high-quality posts across platforms and Organized **2+** photowalks and conducted a camera handling workshop for **30+** attendees.