

DHAIRYA VARDHAN CHAUHAN

[LinkedIn](#) | [GitHub](#) | [Personal Portfolio](#) | [LeetCode](#)

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EDUCATION

Bennett University
Bachelor of Technology - Computer Science & Engineering: CGPA - **9.4**

Noida, Uttar Pradesh
Aug 2021 - July 2025

SKILLS SUMMARY

- **Languages & Tools:** Java, C++, JavaScript, TypeScript, HTML, CSS, Node.js, Express.js, React, Next.js, GraphQL, Kafka, Firebase, Spring Boot, Servlets
- **Databases & DevOps:** SQL, MySQL, MongoDB, Redis, Git/GitHub, Docker

WORK EXPERIENCE

Zypp Electric | Software Engineer Intern

Mar 2024 – Present

- Developed a notification service at Zypp Electric, integrating Web Engage and Firebase for real-time push notifications to 50,000+ users. Implemented multi-language support, boosting engagement by 25%, and created backend APIs for real-time bell counts. Designed a notification management page with features for read, unread, and delete, increasing user interaction by 40%
- Optimized database queries to enhance performance, reducing execution time from **10** seconds to **1** second, significantly improving application responsiveness and efficiency.
- Built the Zypp electric website from scratch using Next.js, Material Ui, and Tailwind thus increasing website traffic by 22%.
- Designed and implemented a **scalable microservice** using **Java, Redis, and Big Query** to handle high-throughput data processing.
- Utilized **Redis** for caching and reducing database load, improving response times.
- Implemented **OAuth2 and JWT-based authentication** with **SSO (Single Sign-On)** for seamless and secure access across microservices, enabling third-party logins, token-based authorization, and role-based access control (RBAC).

PROJECTS

Sorting Visualizer | [Demo](#)

Jun 2022 – Aug 2022

- Built a visualizer for 4 sorting algorithms with real-time animations, boosting understanding by **60%**.
- Optimized **application efficiency by approximately 6%** through the use of useMemo, which reduces unnecessary re-renders and enhances performance.

Palette Portal | [Demo](#)

Mar 2023 – Jun 2023

- Created an online platform where artists can seamlessly upload and showcase their artwork, allowing potential buyers to browse and purchase directly. Designed with a focus on bridging the gap between artists and buyers, enhancing visibility and accessibility for artists to reach new audiences.

Multithreaded Webserver | [Demo](#)

Mar 2025 –Mar 2025

- Developed a **Java-based multithreaded webserver** to handle concurrent client requests efficiently. Used **Java Sockets** for client-server communication and **Threads** to manage multiple connections in parallel.

ACHIEVEMENTS

- Knight on LeetCode with a rating of 1855+.
- Ranked under top 2K / 35K 4 times.
- Specialist on Codeforces.
- Achieved a **top-ranking** position, placing 707th out of 34,000 participants in a LeetCode contest.