

Bennett University

Bachelor of Technology - Computer Science & Engineering: CGPA - 9.4

Noida, Uttar Pradesh

Aug 2021 - July 2025

SKILLS SUMMARY

- **Programming:** Java, C++, JavaScript, TypeScript, HTML, CSS
- **Frameworks & Tools:** Node.js, Express.js, React, Next.js, GraphQL, Kafka, Firebase, Spring Boot, Servlets
- **Databases:** SQL, MySQL, MongoDB, Redis
- **Cloud:** Git & GitHub, Docker
- **Software Architecture:** MVC, Design Patterns

WORK EXPERIENCE

Zypp Electric | Software Engineer Intern

Mar 2024 – Present

- Working as a backend developer in Java, using industry-relevant technology such as Spring and Spring Boot.
- 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 up to 22%.

PROJECTS

Sorting Visualizer | [Demo](#)

2022

Jun 2022 – Aug

- Developed an interactive visualization tool for **4** common sorting algorithms, enabling users to better understand and compare algorithm efficiency and behavior through real-time, animated visualizations.
- The interactive interface allows the user to control the speed of various sorting algorithms and gives them the freedom to control the size of the array.
- **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.

DSA Sheet Maker | [Demo](#)

Jan 2024 – Mar 2024

- Implemented a user-centric tool enabling the creation of personalized Data Structure and Algorithms (DSA) sheets.
- Identified a gap in the market for compiling coding problems from various platforms.
- Developed a proprietary platform that streamlined the compilation process, resulting in a **50%** reduction in time spent searching for problems and a **40%** increase in coding practice efficiency.
- The website addresses all those issues by incorporating features such as problem status, notes, and reference links.

ProgFlow | [Demo](#)

2023

Sep 2023 – Nov

- Developed a web-based, **open-source** coding time tracking tool hosted within VSCode, using Golang, TypeScript, ReactJS and PostgreSQL. Enhanced developer productivity with a **0-cost solution**, streamlining time tracking processes.

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.