

Prakhar Gupta

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[Github](#) | [Linkedin](#)

CAREER SUMMARY

An analytical and detail-oriented student pursuing a Bachelor's in Computer Science Engineering, equipped with strong problem-solving abilities, in-depth knowledge of Data Structures and Algorithms, and excellent verbal and written communication skills. Eager to apply logical thinking and technical expertise to build efficient, scalable, and impactful software solutions.

EDUCATION

Vellore Institute of Technology, Bhopal — **BTech (UG)**

2022 - present

Btech in Computer Science and Engineering

Class XII, City Montessori School, Lucknow

Council for Indian School Certificate Examinations

PROJECTS

Custom Caching HTTP Proxy Server

- **Built a Caching HTTP Proxy Server** using **Spring Boot 3.2** and **Picocli**, optimizing API request efficiency.
 - **Implemented caching & expiration logic** to minimize redundant API calls, improving response time.
 - **Designed CLI-based support & logging mechanisms** for cache hits/misses, enhancing usability & analytics.
- Java | Spring Boot | Picocli | HTTP | CLI | Logging | Maven

Job Portal Web App

- Developed a dynamic job portal using **JSP, Servlets, AJAX, and MySQL**, enabling users to build resumes, search jobs, and track applications.
 - Implemented a **responsive front-end** with HTML, CSS, and JavaScript, and integrated **AJAX** for seamless, reload-free user interactions.
 - Designed and optimized backend logic and **SQL queries** to improve system performance and application management.
- Java | JSP | Servlets | MySQL | JavaScript | AJAX

SKILLS

- **Programming Languages/Frameworks:** Java, Python, SpringBoot.
- **Database:** MySQL
- **Tools & Methodologies:** Github, Eclipse, Netbeans, Maven
- **Development Skills:** AJAX, JavaScript, HTML, CSS, JSP(Java Server Pages), and Servlets.
- **Data Analytics:** Power BI, Excel, and Automation tools.

CERTIFICATES

Cloud Computing – NPTEL Certification

Bits and Bytes of Computer Networking – Certificate, Coursera

Spring & Spring Boot – Certificate of Completion, Smart Programming

Advanced Java – Certificate of Completion, Smart Programming

Python Essentials – Certificate, Vityarthi

Data Analysis – Certificate UpTech