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

EXTRACURRICULAR & ACHIEVEMENTS

Social Media Member at IoT Club, VIT Bhopal

- Assisted in managing digital content and engagement initiatives.
- Contributed to campaign strategies for improving brand outreach

Organized "IoT Unleashed" at Advitya'23, enhancing **event planning** and **team coordination skills.**