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# Prakhar Gupta

Lucknow, Uttar Pradesh

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## Education

Vellore Institute of Technology, Bhopal — BTech (UG)

July, 2022– May, 2026

*Bachelor of Technology in Computer Science and Engineering*

*Bhopal, Madhya Pradesh*

## Projects

### Caching HTTP Proxy Server

- Engineered a caching HTTP proxy server using Spring Boot, significantly **reducing redundant API calls and improving overall response time**.
- Developed a robust caching and expiration logic, resulting in **optimized resource usage and enhanced API request efficiency**.
- Implemented a command-line interface (CLI) with detailed logging for cache hits and misses, providing **clear analytics and improving usability**.

**Technologies:** Java, Spring Boot, Picocli, HTTP, Maven

### Job Portal Web App

- Built a dynamic full-stack job portal, enabling users to create resumes, search for jobs, and manage applications from a single platform.
- Designed a responsive front-end using HTML, CSS, and JavaScript, and integrated AJAX to create a **seamless, reload-free user experience**.
- Optimized back-end logic and SQL queries, leading to **improved system performance for user-centric features like application tracking**.

**Technologies:** Java, JSP, Servlets, MySQL, HTML, CSS, JavaScript, AJAX

## Technical Skills

**Languages:** Java, Python, SQL

**Frameworks & Libraries:** Spring Boot, JSP, Servlets, Picocli

**Databases:** MySQL

**Tools & Methodologies:** Git, GitHub, Maven, Eclipse, Netbeans

**Web Technologies:** HTML, CSS, JavaScript, AJAX, REST API

## Certificates

Oracle Certified Professional: Java SE 11 Developer

Cloud Computing (NPTEL)

Bits and Bytes of Computer Networking (Coursera)

## Leadership / Extracurricular

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- Social Media Member, IoT Club, VIT Bhopal: Contributed to digital content and engagement strategies, helping to improve brand outreach for the club.
- **Event Organizer, "IoT Unleashed" at Advitya'23:** Planned and coordinated a successful tech event, demonstrating leadership and team coordination skills.