

PRIYA TYAGI

(Backend Java Developer)

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Delhi, India

Technical Skills

- Languages: Java, C, Python, HTML/CSS, SQL, XML, JSON
- Frameworks: Spring Framework, Spring Boot, Hibernate, Junit
- Database: MySQL, MongoDB
- Other Technologies: Microservices, Maven, GitHub, Git, Postman, Apache Tomcat, Agile methodology
- Developer Tools: VS Code, Eclipse, IntelliJ Idea, Jupyter Notebook, Pandas, Jira

Experience

Genmarc Research Pvt. Limited

Process Associate – Research

October 2024 – Present

New Delhi, India

- Automated data analysis tasks using **Java** features.
- Designed and executed efficient **SQL queries** for database management and reporting.
- Integrated **REST APIs** with **Spring Boot** for seamless data retrieval and exchange.
- Processed and structured large datasets using **JSON** and **XML** for market trend analysis.

Zylife Smartcare

Machine Learning Engineer

July 2023 – September 2024

New Delhi, India

- Built data scraping tools using **Java** for efficient data collection.
- Managed and queried databases with **SQL** for Big Data workflows.
- Developed APIs using **Spring Boot** for data integration.
- Processed structured data with **XML** and **JSON**.
- Automated Big Data handling using **Java** for scalability.

Projects

IPL Win Prediction

- Built a predictive model for IPL match outcomes using **Java** and data analysis techniques.
- Calculated winning probabilities based on wickets, run targets, and overs.

June, 2024

College Management System

- Designed a system to manage student data (registration, fees, library, marksheets) using **Java**.
- Implemented secure login and dynamic dashboards for real-time access.
- Utilized **Java** with **MySQL** for efficient data management and processing.

December, 2023

Quiz App

- Developed a quiz application using **Java** and **Spring Boot**, ensuring efficient backend architecture.
- Implemented user authentication, quiz management, and real-time scoring.

July, 2023

Casual Applications (Cricket, Basketball, Weather)

- Built multiplayer games with **Java** and **Spring Boot**.
- Implemented matchmaking and real-time game management.
- Managed data with **MySQL** and **JPA**.

January, 2023

Education

Uttarakhand Technical University (COER)

Bachelor of Technology(Computer Science)- 79.18%

2020 – 2024

Roorkee, Uttarakhand

Angel's Academy Sr. Sec. School (CBSE)

Intermediate- 93.8%

2020

Bahadrapad, Uttarakhand

Christu Jyoti Convent High School (ICSE)

High School - 94.2%

2018

Garhmukteshwar, Uttar Pradesh