

MADHAV KUMAR

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SKILLS SUMMARY

Programming Languages: Java, Python, C++, C, R
Web Development: HTML, CSS
Frameworks & Tools: Spring Boot, JDBC, REST APIs
Data Analysis: Excel, SQL
Networking: SSL/TLS
Languages: English, Hindi

EDUCATION

Lovely Professional University Bachelor of Technology - Computer Science and Engineering; CGPA: 8.65	Jalandhar, Punjab, India August 2022-Present
Litera Valley School Senior Secondary Education; Percentage: 81	Patna, Bihar, India 2019 - 2021
PTJM Saraswati Vidya Mandir Secondary Education; Percentage: 91.20	Rajgir, Bihar, India 2018 - 2019

EXPERIENCE & PROJECTS

Java Application Development

- Developed various Java applications with a strong emphasis on database management using JDBC. June 2024 to July 2024
- Utilized Spring Boot to create dynamic applications, integrating third-party APIs for real-time data fetching and processing.
- Designed a Spring Boot project that fetches real-time stock data via APIs and connects seamlessly with MySQL for data storage and retrieval.

Chatbot Development

- Created an interactive chatbot application using Spring Boot and APIs, enabling real-time user interaction and relevant response generation.
- Enhanced application functionality through practical knowledge gained in Java GUI development, JDBC, and Java networking.

Sentence Sentiment Analysis

- Designed a window application that analyzes sentences for emotional tone using Java and CoreNLP, providing feedback based on the analysis.
- Implemented features to handle large datasets efficiently, allowing for effective sentiment analysis and user feedback.

Client-Server Chat Application

- Developed a multi-client chat application using Java networking, allowing multiple users to communicate in real-time.
- Utilized TLS protocol to ensure secure communication and stored chat data on the server for easy access and management.

CERTIFICATES

Application Development in Java:

Gained practical knowledge in Java GUI development, JDBC for database management, and Java networking. Applied these skills in projects to improve application design and functionality.

R Programming:

Acquired foundational skills in R programming, focusing on data analysis, visualization, and statistical computing. Applied these concepts to projects, enhancing data-driven decision-making abilities.

EXTRA-CURRICULAR ACTIVITIES

Inter-School Sports Participation:

Represented school in inter-school competitions, demonstrating teamwork, dedication, and leadership skills.