

# CHAKRESH

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## PROFILE

Energetic and detail-oriented Java developer with a strong foundation in Core Java, object-oriented programming (OOPs) principles, collection framework, JDBC, multi-threading, and Restful API development. Highly skilled in building robust backend solutions using Spring Boot. Proficient in web technologies like HTML, CSS, JavaScript, and React JS. Demonstrated ability to build responsive and user-friendly web applications through multiple academic and personal projects. Eager to apply comprehensive Java knowledge and REST API expertise in a dynamic development environment, contributing effectively to team goals and project success.

## TECHNICAL SKILLS

- C Programming (Data Structure & Algorithm)
- Web Development (HTML, CSS, JavaScript, Bootstrap, Tailwind CSS, ReactJS, NodeJS)
- Java Development (Core Java, Java OOPS, Spring Boot, Hibernate, JDBC, Servlet, Java Swing, AWT)
- Data Analyst (Excel, Python, NumPy, Pandas, Jupyter Notebook, Power BI, Azure Cloud, MySQL, MongoDB, PostgreSQL)

## PROJECT

### Fitness Application (Spring Boot + Micro Services)

[ Jan 2024 - May 2024 ]

Designed and implemented a full-stack microservices architecture using Spring Boot, Spring Cloud, and REST APIs. Built scalable services with SQL (JPA) and MongoDB, enabled service discovery with Eureka, centralized configuration, and secured APIs using OAuth2 and Keycloak. Implemented synchronous and asynchronous communication using Spring Cloud and Apache Kafka. Integrated AI services using Spring AI, OpenAI, and Google Gemini for recommendation processing. Developed frontend with React/Angular and delivered end-to-end tested production-ready system following industry best practices standards.

### Bank Management System (AWT + Swing)

[ July 2025 - Oct 2025 ]

Developed a full-stack desktop banking application using Java, JDBC, and MySQL with secure signup/login authentication. Implemented core banking features including deposit, withdrawal, balance inquiry, and real-time transaction validation. Built responsive AWT/Swing GUIs for smooth user interaction. Designed optimized MySQL databases for customer, account, and transaction records. Ensured data integrity with exception handling, input validation, and parameterized queries. Applied modular Java architecture for scalability and maintainability.

### Login Register REST API (JSP + Servlet)

[ Aug 2025 - Nov 2025 ]

Developed a secure Login and Registration system using HTML, CSS, JSP, Java, Servlets, MySQL, and JDBC. Implemented REST APIs with robust user authentication and authorization. Designed responsive UI pages and integrated backend logic for validation and secure password handling. Built and tested the application in Eclipse IDE, ensuring smooth user flow, strong database connectivity, session management, and error handling to deliver a reliable end-to-end user management solution.

## EDUCATION

### Bachelor of Technology in Information Technology

[ Oct 2020 - May 2024 ]

Veer Bahadur Singh Purvanchal University Jaunpur (UNSIET) CGPA: 7.14

U.P. Board XII: 66.66%

U.P. Board X: 75.83%

## ACHIEVEMENT

- Ranked All India 217<sup>th</sup> in coding Round Organized by Coding Ninja.
- Qualified coding round in Algorithm and C programming organized by Greeks for Geeks.
- All India 108<sup>th</sup> Rank in coding round organized by NIT Bhopal.
- Ranked (11/82) in Web Development in own class organized by Department.

## CERTIFICATE

ML Certificate - Internshala, Java Certification - Oracle, HTML - Knowledge, CSS - Knowledge, SQL(Basic) - Hacker Rank, Azure Cloud - Azurelib.com, Data Analyst - Google.

## LANGUAGE

Hindi, English, Bhojpuri