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

House Price Prediction   **[Jan 2024 – May 2024]**

Designed and implemented an end-to-end machine learning solution using Python, Pandas, NumPy, and Matplotlib to analyze and visualize housing datasets. Performed data cleaning, feature selection, and exploratory data analysis to improve model performance. Built and compared Linear Regression and Random Forest Regression models for accurate price prediction, along with Logistic Regression for company growth classification. Trained, validated, and evaluated models in Jupyter Notebook, demonstrating strong skills in data analytics, machine learning, and predictive modeling.

Bank Management System   **[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   **[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

XII: 66.66%

X: 75.83%

ACHIEVEMENT

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

CERTIFICATE

Machine Learning Completion, Java Certification by Oracle, HTML course completion, CSS course completion, SQL(Basic) by Hacker Rank, Azure Cloud by Azurelib.com, Data Analyst - Google.

LANGUAGE

Hindi, English, Bhojpuri