

Vishal Yadav

📍 Mumbai, Maharashtra ✉ 2001vishaly@gmail.com ☎ +91-9022784787 in vishal1809 📁 Portfolio

Education

Rajiv Gandhi Institute of Technology

2019–2023

Bachelor of Engineering (B.E) in Computer Engineering - CGPA: 9.16

- **Courses:** Object Oriented Programming in Java, Database Management System, Data Structures and Algorithms

Skills

- **Programming Languages:** Core Java, C, C++, Python
- **Web Development:** HTML5, CSS3, JavaScript, JSP, Servlets, React.js, Node.js, Express.js
- **Databases:** MySQL, MSSQL, MongoDB
- **Frameworks & Libraries:** Spring Boot, STL (C++), Bootstrap, Tailwind CSS, Material UI, Sass, Flask
- **Tools & Platforms:** Git, Maven, Linux, Apache Tomcat, GitHub
- **Concepts:** OOP, DSA, REST APIs, MVC Architecture
- **Other Skills:** Machine Learning (Basics), Problem solving, communication, dependability

Experience

System Engineer — TCS

Mumbai, India | Nov 2023–Present

- Developed a **Java + JSP-based** data transformation utility that processed more than **20,000 XML inputs per day**, applying tag-specific logic and ensuring the secure handling of **sensitive data (e.g., CIBIL)**.
- Planned and executed a **Java-based** PDF generation tool to convert structured responses into standardized reports with precision **90% +**, improving data presentation and reporting consistency.
- Created a **validation service** that blocked **100%** of deprecated PDF uploads, enhancing system security and reducing upload-related **errors by 35%**.
- Built an internal monitoring dashboard that tracked key metrics—requests processed, responses transformed, and reports generated—improving workflow visibility and enabling **25% faster** issue resolution.
- Resolved application issues through root cause analysis, increasing **reliability by 30%** and **user satisfaction by 25%**.

Projects

Expense Tracker Application with Analytics — [Code](#) | [Demo](#)

Tech Stack: Java | Spring Boot | JDBC | MySQL | Apache Tomcat

Description: Created an intuitive expense tracking application that allows users to log and visualize income and expense data through dynamic charts and categorized entries.

- Implemented **CRUD operations** to add and categorize income/expenses using **Spring Boot and JDBC**.
- Enhanced **data visualization** by creating line charts, bar charts, and pie charts to effectively illustrate spending trends.
- Designed a clean and **user-friendly interface** for seamless financial tracking.
- **Optimized back-end** data handling and deployed the application using **Apache Tomcat** for production readiness.

Java-Based Web Chat Application [Code](#) | [Demo](#)

Tech Stack: Core Java | JSP | Servlets | JDBC | MySQL | Apache Tomcat | Maven

Description: Developed a **real-time** web-based chat application enabling one-to-one messaging with integrated user authentication and profile management using **Core Java and JSP technologies**.

- Built secure **login, sign-up, and logout** functionalities with session management.
- Enabled profile photo uploads and retrieval using **JDBC and MySQL integration**.
- Designed and implemented one-to-one **chat functionality** with user-specific message storage.
- Deployed using **Apache Tomcat** and Maven, ensuring modularity and efficient dependency management.

Achievements & Certifications

- Awarded '**Employee of the Month**' for outstanding performance and key contributions to project success.
- **ICPC Kanpur-Mathura Regional Finalist 2022** – Ranked among the top teams of 4,000+ participants in India.
- Achieved **Codeforces Specialist (1449)** with more than 1000+ competitive programming problems solved.