

Muhammad Nouman

Software Engineer

✉ mnouman4278@gmail.com ☎ 03165194009 📍 Rawalpindi

🌐 [linkedin.com/in/muhammadnouman4278](https://www.linkedin.com/in/muhammadnouman4278) 🐙 github.com/Muhammad-Nouman-4278

Skills

- Java
- MySQL
- Backend Development
- CSS
- Spring Boot
- MongoDB
- HTML

Education

- BS - Software Engineering**, *International Islamic University Islamabad* 2021 – 2025
Islamabad, Pakistan
- FSc Pre Engineering**, *Kallar Kahar Science College* 2018 – 2020
KallarKahar,Chakwal,
Pakistan

Professional Experience

- Java Developer Intern – US GROUP** 📁 07/2024 – 09/2024
Lahore, Pakistan
- Web Development Internship - Codsoft** 📁 10/2023 – 11/2023

Projects

AirLine Management System

Java, Swing, JDBC, MySQL

Developed a desktop-based airline management system using Java and Swing with JDBC for database connectivity.

- Implemented customer profile management, flight booking, ticket cancellation, and boarding pass generation features.
- Designed a user-friendly UI to handle multiple operations including CRUD on flights, customers, and tickets.
- Used MySQL to store and manage flight schedules, bookings, and customer data securely.
- Strengthened understanding of core Java, object-oriented design, and GUI-based application development.

Task Management System

Spring Boot, MongoDB, Thymeleaf

Built a full-stack task management system with a focus on backend development and API design.

- Designed RESTful APIs using Spring Boot for task creation, status updates, and deletion.
- Integrated MongoDB to store task data, enabling flexibility for dynamic task attributes.
- Developed a simple user interface using Thymeleaf to interact with backend services.
- Implemented features like task status tracking, deadline monitoring, and data validation.
- Improved skills in API design, backend logic, and end-to-end integration with frontend.

FlavorFit

Spring Boot, MySQL, MongoDB, JWT, WebSockets

- Built backend for a platform with user roles like customer, nutritionist, chef, and delivery personnel
- Implemented REST APIs, JWT authentication, and real-time updates using WebSockets
- Used MongoDB as Database.

Real-Time Chat App with Spring Boot & WebSockets

Java, Spring Boot, WebSockets, Maven, HTML/CSS/JavaScript

- Developed a real-time chat application using Java Spring Boot enabling low-latency communication via WebSocket protocol.
- Implemented backend logic for message broadcasting, connection handling, and user sessions.
- Built a simple yet responsive frontend using HTML, CSS, and JavaScript.
- Managed dependencies and project structure using Maven.
- Focused on modular backend development and event-driven communication architecture.