

Ashish Kumar

Email: ashishk.bits@gmail.com

Phone: +91 7011051088

[GitHub](#) | [LinkedIn](#)

Education

Bachelor of Technology in Electronics and Communication

2021-2025

Maharshi Dayanand University, Rohtak

Skills

- **Languages:** Java, JavaScript (Basic)
- **Programming Concepts:** OOPS, Data Structures, Algorithms
- **Frameworks/Tools:** Spring Boot, REST APIs, Maven, Postman, Git, Docker
- **Database:** MySQL, PostgreSQL
- **Soft Skills:** Self-Learning, Problem Solving, Collaboration, Ownership, Continuous Improvement, Agile

Projects

URL Shortener - ShortBit | Java, Spring Boot, REST APIs, MySQL, React

Mar 2025-June 2025

- Developing a secure, user-friendly URL shortening application using Spring Boot and React to generate and manage concise links.
- Implementing RESTful APIs with Spring Security and **JWT authentication** to ensure protected access and seamless URL redirection.
- Utilizing **MySQL** for efficient storage and retrieval of URL mappings, focusing on scalability and data integrity.
- Building an interactive frontend with React to enhance user experience, including features like link creation and history tracking.
- Emphasizing modular design, secure coding practices, and ongoing improvements such as custom URL support.
- [Live-Demo](#)

Income Expense Manager | Java, Spring Boot, REST API, HTML, CSS, JavaScript

Jan 2025-Feb 2025

- Created a web app to manage finances and generate **PDF invoices**, integrating a Spring Boot backend with a static frontend.
- Optimized API responses using data structures, cutting **stock query time by 20%** by optimizing SQL joins.
- Self-learned JavaScript and CSS to deliver a functional UI, showcasing adaptability and initiative.
- Designed a RESTful backend with Spring Boot and integrated a **lightweight HTML/CSS/JavaScript frontend**.
- [GitHub](#)

Library Management System | Java, Spring Boot, REST API, JPA

Nov 2024- Dec 2024

- Built a library management backend with Core Java and Spring Boot, focusing on **service-oriented architecture**.
- Designed RESTful APIs with JPA to handle book and transaction data.
- Tested endpoints using **Postman**, ensuring **100% API functionality** for future frontend integration.
- [GitHub](#)

Certifications & Achievements

- **Introduction to Software Development by Amazon (Coursera, 2025)** – *Gained expertise in software engineering principles and best practices.*
- **Error 404 - Invictus 2025 | Delhi Technological University (DTU), New Delhi** - *Participated in the Error 404 coding competition at Invictus 2025, organized by DTU.*

Extra-Curricular

Wells Fargo Software Engineering Job Simulation (Forage February 2025) - *Designed and implemented a financial portfolio management system by creating an ERD and developing it using IntelliJ, with the project published on GitHub.*