

# Adesh Srivastava

Senior Software Developer – Java, Spring Boot, PL/SQL, Linux, Teradata, Informatica

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Senior Software Developer with 3+ years of experience in Full-Stack Development, Big Data Solutions and Automation, specialising in Java, PL/SQL and Linux. Proficient in decision-making and client-facing roles. Collaborated with cross-functional teams to deliver software solutions. Proven record of automation in over 15 projects. Eager to leverage expertise to contribute to team success.

## Skills

- **Software Development:** Java, Spring Boot, RESTful APIs, Java Streams API, MVC, PHP, Bootstrap, JavaScript, CSS, HTML.
- **Database Management:** Teradata BTEQ for OLAP, PL/SQL, MySQL for OLTP, Spring Data JPA, ETL tool Informatica PowerCenter.
- **System Administration:** Advanced Shell Scripting – Linux, PuTTY, Warp, Docker, LAMP Stack.
- **Version Control & IDE:** Git, GitHub, BeyondCom, IntelliJ IDEA.

## Work Experience

### Senior Software Developer, Infosys

March 2021 – December 2023

- Designed 80+ data workflows using Informatica and PL/SQL to Extract, Transform, and Load (ETL) data into cloud repositories.
- Developed Unix shell scripts to automate data processing and system administration tasks, reducing manual effort by 50%.
- Optimised BTEQ queries and data models for high-volume data ingestion, reducing response times for complex queries by 40%.
- Conducted performance tuning to ensure 2x scalability of data workflows, leading to a 150% growth in total data transactions.
- Reduced production defects by 80% by developing a robust testing framework that verifies and maintains data quality.
- Led the integration of system modules across 15+ projects, working with cross-functional teams (product, engineering, support).
- Mentored junior developers on big data systems, improving the quality of deliverables and increasing team efficiency by 50%.
- Liaised with over 6 business partners and clients, managing daily calls to gather information and maintain business requirements.

Managed projects across 22+ states in the US, demonstrating a keen understanding of healthcare data intricacies and a commitment to delivering high-quality data solutions, contributing to the success of CVS healthcare services.

## Projects

### FindingNemo – TBM Project on Java 8 and Design API

- Developed FindingNemo, a tour booking management system built with Java 8 features to accelerate code performance.
- Implemented Java Collection Framework and Stream API to process large datasets, reducing data handling time by 50%.
- Managed a database to leverage stored entries for generating insightful statistics, meeting over 90% of business requirements.
- Conducted thorough testing, debugging, and troubleshooting to maintain a stable application, reducing crash rates by 80%.

### SamaDhaan – Hackathon Project on CodeIgniter and React

- Engineered SamaDhaan web app, a one-stop community-helper multipurpose portal that solves 25+ critical problems.
- Built on CodeIgniter and React.js, v1.0 educates users about Government Schemes, benefiting 70% of job seekers.
- Maintained consistent environments across SDLC with Docker, optimising resources by 50% with multiple containers per host.
- Aimed to increase employment opportunities, aid in eradicating poverty and hunger, and simplify the process of booking professional home services, to enhance the quality of life and convenience for both end users by 100%.

## Achievements

- Received **InstaAward at Infosys**, for handling end-to-end automation across 15+ projects, driving operational efficiency for CVS.
- Earned the **Highest Academic Distinction** in BE – Computer Science, securing the 1st rank with 9.6 SGPA.
- Acquired **Microsoft Office Specialist** certification, securing a gold medal in the Microsoft Compudon.

## Education

### Bachelor of Engineering in Computer Science and Engineering

Rajiv Gandhi Proudyogiki Vishwavidyalaya | August 2016 – July 2020