

## Self Introduction

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Good morning/afternoon/evening/Hi,

I am Selvamani, and I am from Thiruvannamalai. I completed my studies at Shanmuga Arts & Science College.

I have a strong background in core Java, Java 8, and Spring Boot and also. Additionally, I'm proficient in JavaScript, CSS, and HTML for frontend development, and I am familiar with database management systems like MySQL and Spring Data JPA.

I have around 2 years of professional experience as a Java backend developer. I specialize in using the Spring Boot framework. Currently, I am working on a project called the Logistics Management System. My responsibilities in this project include creating RESTful APIs, documenting API specifications using Swagger, and participating in agile ceremonies (SCRUM).

I am passionate about backend development and excited about the opportunity to bring my skills and experience to your team.

## Logistics Management System

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**Client Name:** purolator, canada

### Project Overview

This project focuses on developing a software application to manage international trade operations, specifically goods export and import. The aim is to streamline and automate processes related to purchasing, sales, inventory, shipping, and reporting.

### Modules

1. **Goods Management:** Manages inventory, product details, stock levels, and associated attributes.

2. **Purchase Management:** Facilitates the creation, tracking, and management of purchase orders for importing goods.
3. **Sales Management:** Facilitates the creation, tracking, and management of sales orders for exporting goods.
4. **Invoice and Payment Processing:** Automates the generation of invoices and manages payment transactions for purchases and sales.
5. **Shipping and Logistics:** Integrates logistics features to manage shipping, freight, and tracking information for export and import operations.
6. **Customs and Compliance:** Ensures compliance with customs regulations and documentation requirements for international trade.
7. **Reporting and Analytics:** Provides comprehensive reports and analytics on sales, purchases, inventory levels, and financial performance.

## Roles and Responsibilities

I developed a module that allows users to export product reports in Excel and PDF formats. I ensured the data is accurate and up-to-date when generating reports. I focused on optimizing the performance for handling large datasets efficiently. Additionally, I worked closely with other teams to improve the user interface and overall user experience

Class	Methods	Api	products	Exceptions	Status code
ReportController	getOrdersForReport	/api/reports/	Cloths	IllegalArgumentExc	400 Bad
ReportService	generatReport	/generate	Furniture	eption	Request.
Order	downloadReport	/download	Plywood	NoSuchElementException	404 Not
OrderRepository			Glass	DataAccessExceptio	Found.
			Mobile spare parts	n	500
			car spare parts	ReportGenerationEx	Internal
			Engineering equip	ception	Server
				InvalidReportReque	Error
				stException	(2).
					400 Bad
					Request.