Self Introduction

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

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. <mark>**Purchase Management**</mark>: 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 ReportService Order OrderRepository	getOrdersForReport generatReport downloadReport	/api/reports/ /generate /download	Cloths Furniture Plywood Glass Mobile spare parts car spare parts Engineering equip	IllegalArgumentException NoSuchElementException DataAccessException ReportGenerationException InvalidReportRequestException	400 Bad Request. 404 Not Found. 500 Internal Server Error (2). 400 Bad Request.

Tables

Total tables above 40

ExportReport	Product	Vehicle	Customer	ExportLocation	Status code
Category, **Item ID**, **Item Name**, **Quantity Exported**, **Unit Price**, **Total Value**, **Export Date**, **Export Location**, **Customer ID**, **Customer Name**	**Product ID**, **Product Name**, **Category**, **Unit Price**, **Stock Quantity**, **Supplier ID**, **Supplier Name**	Vehicle ID, Vehicle Name, Category, Unit Price, Stock Quantity, Supplier ID, Supplier Name	**Customer ID**, **Customer Name**, **Contact Details**, **Address**, **Customer Type**	Location ID, Location Name, Address, Contact Details, Manager Name	

Dependencyies	Anotatations			
spring-boot-starter-web	@Controller	@PropertySource	@Scheduled	@Pattern
spring-boot-starter-data-jpa	@RequestMapping	@RequestParam	@EnableScheduling	@Future
spring-boot-starter-test	@GetMapping	@PathVariable	@Component	@Past
mysql-connector-java	@PostMapping	@ModelAttribute	@ComponentScan	@JsonIgnore
jasperreports	@PutMapping	@SessionAttributes	@Entity	@JsonProperty
spring-boot-starter-webflux	@DeleteMapping	@Transactional	@Table	@JsonFormat
spring-boot-starter-mail	@PatchMapping	@Cacheable	@Id	@JsonInclude
spring-boot-starter-security	@RequestBody	@CachePut	@GeneratedValue	@Min
hibernate-validator	@ResponseStatus	@CacheEvict	@Column	@Max
	@ExceptionHandler	@EnableCaching	@ManyToOne	@Email
	@ControllerAdvice	@EnableJpaRepositories	@OneToMany	@ToString
	@Service	@EnableAsync	@OneToOne	
	@Autowired	@Async	@JoinColumn	
	@Value	@Transactional(readOnly = true)	@JoinTable	
	@Configuration	@Transactional(propagation =Propagation.REQUIRES_NEW)	@Enumerated	
	@Bean	@NotEmpty	@Lob	
	@Profile	@Size	@Transient	
	@EqualsAndHashCode		@Version	
	@Valid		@Data	
	@NotNull		@Getter	
			@Setter	