

# SHIVANG GUPTA

## Software Developer

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## SUMMARY

I am a dedicated **Software Developer** with expertise in **Java** and **Spring Boot** for backend development. My focus is on building robust backend features, API handling, and continuously improving **code coverage** to maintain high-quality, scalable systems. Passionate about learning and adapting to new technologies, I actively apply my skills to enhance team performance and deliver solutions that meet business needs. I am committed to improving system efficiency, implementing best practices, and driving technical innovation.

## EXPERIENCE

### Power Programmer

#### Infosys

📅 01/2022 - 01/1970

**Key Technologies:** Java, Spring Boot, Kafka, RESTful API, Veracode, GCP Logs, Azure DevOps Services, Jenkins, CI/CD, Apache Kafka, Agile

- Spearheaded the **development and support of backend features** for API handling, utilizing **Java** and **Spring Boot** to build scalable and high-performance services.
- Designed and implemented **RESTful APIs**, optimizing communication between microservices.
- Achieved **80%+ code coverage** with **Veracode**, improving code quality and security.
- Monitored and debugged **CI/CD pipelines** with **Jenkins** and **GCP Logs**, enhancing deployment success by **15%**.
- **Built a Kafka-based data processing app** with **consumer-producer architecture**, leveraging **Apache Kafka** for scalable message queueing.
- Achieved **90% unit test coverage**, ensuring stable, reliable code.

### IT Analyst Intern

#### NCR Corp.

📅 06/2021 - 12/2021




Global technology company

- Worked with the customer onboarding team to understand and interact with clients.
- Assisted in requirement analysis and specifications.

## SKILLS

Agile	API	BitBucket	CI/CD	Curl	Debugging	devops
GCP	Github	Java	Jenkins	Json	microservices	MySQL
Postman	Python	rest	Spring Boot	springboot	SQL	
tkinter	vscode	Kafka	Azure DevOps	Sonar	XSD	

## EDUCATION

	Bachelor of Technology (CSE) <b>Pranveer Singh Institute of Technology</b> 📅 08/2018 - 05/2022 • AKTU	GPA <b>8.8 / 10</b>
	Intermediate (XII) <b>Sheiling House School</b> 📅 04/2016 - 03/2018 • ICSE	GPA <b>8.2 / 10</b>
	High School (X) <b>Sheiling House School</b> 📅 04/2016 - 03/2016 • ICSE	GPA <b>8.6 / 10</b>

## PROJECTS

### SAP-KAFKA Project

📅 10/2024 - Present

**An application for fetching data from SAP service & then consuming it.**

**Key Technologies:** Apache Kafka, Java, RESTful API, DTOs, XSDs, Unit Testing, Kafka Listeners, Data Validation, Error Handling, Database Persistence, Azure DevOps

- Developed a **Kafka-based data processing app** with **consumer-producer architecture**, enabling real-time data streaming and processing at scale.
- Implemented **REST API endpoints** for data ingestion, validation, and transformation into **DTO classes**, improving integration efficiency by **30%**.
- Achieved **90% test coverage** through comprehensive unit testing, ensuring robust application performance.
- Implemented **error handling and logging mechanisms**, improving system reliability and reducing downtime by **20%**.
- **PRODUCER RESPONSIBILITIES:**
  - Consumed data from newly created API endpoints, ensuring seamless data flow.
  - Designed **DTOs** using **XSDs** for consistent data structure and transformation.
  - Validated and parsed incoming data before publishing to Kafka topics, ensuring high-quality message delivery.
- **CONSUMER RESPONSIBILITIES:**
  - Developed **Kafka listeners** to consume messages from topics, performing business logic and data transformations.
  - Performing business logic and transformations.
  - Persisted transformed data into databases, ensuring data integrity and consistency.

### Aviation Project

📅 09/2022 - 08/2024

**Key Technologies:** Java, SpringBoot, Jenkins, Sonar, VeraCode, GCP logs, Code Migration, Test Automation, ADOC Documentation

- Migrated **legacy code** to a new technology stack, improving system efficiency and reducing technical debt by **25%**.
- Implemented complex business logic from legacy systems, optimizing performance and achieving **30% faster processing times** for key workflows.
- Developed and executed **automated and manual tests** for new features, ensuring comprehensive validation and reducing defects by **15%**.
- Demonstrated new functionalities to clients, ensuring smooth adoption and transition of updated code.
- Documented new features and components using **ADOC** files for clear communication and ease of integration.