SHIVANG GUPTA

Software Developer

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https://github.com/Shivang20k



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

Infosvs

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 highperformance 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

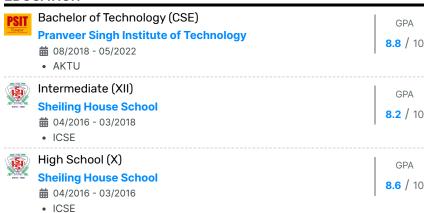
Global technology company

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

SKILLS

Agile	API	BitBucket	CI/CD	Curl	Debugging	j de	evops
GCP	Github	Java	Jenkins	Json	microservices		MySQL
Postman Py		hon res	Spring Boot		springboot	SQL	
tkinter	vscoo	de Kafk	a Azure	DevOps	Sonar	XSD	

EDUCATION



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.