

Saurav Kumar

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EXPERIENCE

- **Specialist Programmer** Oct 2022 - Present
Infosys Limited
 - Working on a microservice based digital commerce application using Java springboot framework as backend.
 - Developed microservices in java and spring boot focusing on crafting clean, maintainable code that strictly adheres to solid principles.
 - Implemented features like hourly promotion using Drools Rule Engine flexible approach, cart subscription and added support for multiple new features in orchestration layer as well as in services that can be extended by creating custom plug-ins.
 - Implemented comprehensive unit tests ensuring robustness of microservices via achieving 75% code coverage using frameworks like JUnit and Mockito
 - Fixed bugs and performance issues and insured overall code quality using tools like sonarqube, sonarlint etc
- **System Engineer** Mar 2021 - Sept 2022
Infosys Limited
 - Executed minor and major enhancements and provided production support for projects.
 - Worked on Oracle applications and scripted batch processes for clients like Ciena and Pepsico.
 - Prepared sign-off and project closure documents upon successful project completion.
 - Reduced batch processing time by 15%, enhancing efficiency.

SKILLS SUMMARY

- **Programming Languages:** JAVA, C++, Python, SQL
- **Frameworks:** Spring, SpringBoot, Hibernate, Apache Camel, Apache Kafka
- **Tools:** GIT, PostgreSQL, MySQL, Kubernetes, Apache zookeeper, Redis, RabbitMQ, Jenkins, camunda, bitbucket
- **IDEs:** Eclipse, Visual Studio Code, IntelliJ

PROJECTS

- **Flight booking Application :** Created a spring microservice application with various REST endpoints to implement various functionalities using spring cloud consul Added Load balancer, Spring cloud gateway and resilience using Resilience4j for better user experience. Tech: Java, Spring Boot, Angular
- **E-Commerce Web App:** Created a e-commerce web App using spring boot having features of view, search, sort and filter. Tech: Spring Boot, Html, Css, Bootstrap
- **Hand Gesture Recognition:** Developed a project for hand gesture recognition system to automate certain tasks. Tech: Python, TensorFlow/OpenCV, Swagger

CERTIFICATIONS

- Infosys Certified Java SE11 Developer
- Infosys Certified Spring Boot Developer
- Infosys Certified Spring Microservices Professional

EDUCATION

- **Bachelor of Technology - Computer Science and Engineering** Aug 2016 - May 2020
SKIT, Jaipur GPA: 68.9
- **Intermediate** Jun 2013 - May 2016
T.B.D. Sinha Inter College, Aurangabad GPA: 68
- **Matriculation** Jul 2012 - May 2013
Sec. Delhi Public School CGPA: 9.00

ACTIVITIES AND TRAINING

- Cleared internal examination at Infosys (Bridge Program) and got promoted to Power Programmer - May 2021
- Attended 60 days summer training in Data Science Specialization - June 2019
- Participated in RTU Hackathon - August, 2018
- Actively co-ordinated/Participated in technical as well as non-technical events