Shivam Kumar Gupta

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Education

JSS Academy of Technical Education   July 2021
Bachelor of Technology in Information Technology (GPA: 7.73 / 10.00)   *Noida, U.P*
- **Relevant Coursework:** Data Structures and Algorithms, Database Management, Operating Systems, Linear Algebra, Operations Research, Object Oriented Programming, Data Warehousing and Mining

RPM Academy Gorakhpur (U.P)   2016
Intermediate (90.00 %) PCM   *CBSE*

Jeevan Marg Sophia Secondary School Deoria (U.P)   2014
High-School (89.20 %)   *ICSE*

Work Experience

Tata Consultancy Services   Aug 2021 – present
Software Engineer   *Noida, U.P*
- Wrote REST and SOAP services using Java and spring-boot framework
- Integrated fresh Credit Bureau in backend application which led to far better credit decisions
- Optimized Oracle-SQL database queries, reducing page-load times by 15% and enhancing overall application response-time
- Fixed production bugs in tight timelines
- Worked with client to understand and fix security defects arising in legacy components
- Implemented backend and UI enhancements

Projects

Ellipshere | *Java, Spring-boot, XML, Oracle-SQL, Maven*
- Led the development of a microservices-based backend application to integrate a Credit-Bureau in order to fetch credit records of customers and make informed credit-decisions using Java, Spring-Boot framework, XML based configurations and Oracle-SQL database
- Designed and deployed a scalable RESTful API using Spring-Boot, achieving better optimization.

Server Migration from GE to GEHC infra | *Linux, Jboss Server, Interface-Testing, Application-Testing*
- Played a crucial part in on-premise migration of Applications which I developed and supported in moving from GE to GEHC infrastructure
- Participated in planning timelines, streamlining processes, JBoss-server configurations, Coordinating with stakeholders, troubleshhoting issues

Human Activity Recognition Using CNN 2-D Network | *Python, Convolutional Neural Networks*
- Final Year Project which dealt with Human Activity Recognition using Convolutional Neural Networks

Technical Skills

Languages: Java, Python, Javascript, C, Golang
Technologies: Spring-Boot, Spring, Linux, SQL, Oracle-SQL, Django, Flask, jQuery, Bootstrap, putty, WINSCP, Postman, SOAP UI
Concepts: Compiler, Operating System, Virtual Memory, Cache Memory, Encryption, Decryption, Artificial Intelligence, Machine Learning, Neural Networks, API, Database Normalization, Agile Methodology, Cloud Computing
IDEs: Eclipse, IntelliJ, VSCode