Das Balvinder Das

📞 9650488997   ✉ balvinder.das@gmail.com   📍 Noida , India

Senior Associate Technology | Tech. Lead

SUMMARY

- **13 years** of IT experience in analysis, design, development, documentation, implementing, and testing of software systems in Java, J2EE and Internet technologies.
- Good expertise in **Automation, Build/Release** Engineering, and **Software development** involving cloud computing platforms like **Google Cloud (GCP).**
- Proficiency in using CI/CD tools like **Git, Jenkins, Maven,** and configuration management tools like **Chef, Ansible, and Puppet**. Can set up environments for CI workflow.
- Experience in using tools like **Docker Compose, Kubernetes**, for **Orchestrating** and deploying the services related to the **Containers** and with container-based deployments using **Docker**, working with **Docker images, Docker hub**.
- Expertise in writing **Ansible Playbooks** from scratch using **YAML** functions and utilizing set up and automate the **CI/CD pipeline** and deploy microservices. Provisioned load balancer, auto-scaling group, and launch configuration for microservices using **Ansible**.
- Strong Knowledge of Application Development using **Software Development Life Cycle SDLC** using various methodologies like **Waterfall, Agile/Scrum**.
- Expertise in working with various J2EE technologies including **Hibernate, Spring MVC** Framework, Servlets, **JNDI, JMS, JDBC, AJAX, WEB SERVICES**, and GRADLE.
- Strong experience in Spring Frameworks such as **Spring MVC, IOC, AOP**, and **Spring JDBC**.
- Strong hands-on experience with **Spring Boot**.
- Extensive experience in developing Microservices using **Spring Boot,APIGEE , Netflix OSS (Zuul, Eureka, Ribbon, Hystrix)** and followed domain-driven design.
- Experience in using build/deploy tools such as **Jenkins, Docker, and OpenShift** for Continuous Integration & Deployment for Microservices.
- Experience in implementing **Java EE design patterns** such as **MVC, Singleton, Session Facade, DAO, DTO,** and **Business Delegate** in the development of Multi-Tier distributed Enterprise Applications.
- Good experience in developing **Web Services SOAP, JAX-WS, WSDL.**
- Experience in core **Java-Multithreading, collections, Servlets and JDBC.**
- Knowledge of XML Suite of Technologies XML, XSL, XSLT, and validations with DTD and XML Schema and processing profile with SAX, DOM Parsers.
- Hands-on experience with build and deployment tools including **Ant / Maven**, logging and Debugging using **Slf4 and Log4j,** unit and integration testing using JUnit.
- Experience with **Use-Case** design, **Class**, and **Sequence** diagrams using **UML**.
- Good working experience in GUI design and application development using IDE's like **Eclipse** and **intellij**.
- Excellent team player with good analytical, strategic planning, and interpersonal and communication skills. Highly motivated, enthusiastic, and self-starter.

KEY SKILLS

• Microservices Development • Monolithic App Conversion • Kafka • K8S • Docker • React • Node • Cloud GCP
• Jenkins • Terraform • Ansible • Puppet • Nagios • Gitlab
• Java • Code Optimization • Documentation • Troubleshooting • Performance Testing
• SQL Database • Data Security • Application Development • End-user Support
•REST •SOAP •WSDL

PROFESSIONAL EXPERIENCE

Sapient Corporation   May '16 - Present

Role - Senior Associate Technology - Lead   Noida , India

Publicis Sapient is an American digital consulting company, founded in Cambridge, Massachusetts in 1990 by Jerry Greenberg and J. Stuart Moore. On February 6, 2015, Sapient became a fully owned division of French advertising giant Publicis

Project – Converting monolithic proprietary product to microservices architecture for a leading B2C grocery retail client.

This project was about the customization and implementation of headless architecture using REST and Microservice architecture for a B2C portal for the client. The project involved converting the monolithic product into multiple independent services on the GCP platform. Also Worked in the DevOps team here to assist in Infra and CI/CD pipeline creation.

- Worked in the agile framework as an individual contributor/Team Lead Responsibilities include - Interaction with the Business team in story grooming, reviewing story/acceptance criteria.
- Converted a monolithic app to microservices architecture using Spring Boot using 12-factor app methodology. Deployed, Scaled, Configured, wrote manifest file for various Microservices in PCF.
- Set up CI/CD tools like Git, Jenkins, Maven, and configuration management tools like Ansible, and Puppet.
- Worked with DevOps platform team, was responsible for specialization areas related to Puppet for cloud automation. Implementing Change requests for server configuration, software installation. Managing Linux VMs using puppet as per project requirements.
- Experienced in GCP Cloud IaaS, PaaS platform with features Compute Engine, Auto - Scaling, Security Groups, IAM, Persistent Disk, App Engine, Cloud Run, Cloud SQL
- Hands-on expertise with configuration tools like Puppet, and Ansible. Created several Cookbooks, Manifests, and Playbooks to automate infrastructure maintenance & configuration.
- Create clusters in Google Cloud and manage the clusters using Kubernetes(k8s). Using Jenkins to deploy code to Google Cloud, create new namespaces, creating Docker images, and pushing them to the container registry of Google Cloud.
- Worked with tools like Docker Compose, Kubernetes, for Orchestrating and deploying the services related to the Containers and with container-based deployments using Docker, working with Docker images, Docker hub.
- Developed Retail unity integration using cloud pub-sub for a single view of inventory.
- Implemented REST Microservices using spring boot. Generated Metrics with method-level granularity and Persistence using Spring AOP and Spring Actuator.
- Implemented Zipkins for distributed Micro Service Monitoring. Integrated Swagger UI and wrote integration test along with REST document.
- Implemented Hysterix a Latency and Fault Tolerance system for Distributed Systems. Wrote Controller, Services, and directive code using Spring and Spring Boot
- Used spring config server for centralized configuration and Splunk for centralized logging. Used Concourse and Jenkins for Microservices deployment
- Developed microservices for Ship from store service feature for order fulfillment
- Developed payment integration using global payments
- Developed independent store application for store-facing employees.

Project – Headless architecture implementation using REST and Microservices for a leading B2C client.

This project was about the customization and implementation of headless architecture using REST and Microservice architecture for a B2C portal for the client. The project involved customization of existing controllers and implementing/migrating existing functionalities into REST/Microservices architecture. Worked in DevOps team here to assist in Infra and CI/CD pipeline creation.

- Set up CI/CD tools like Git, Jenkins, Maven, and configuration management tools like Chef, Ansible, and Puppet. Can set up environments for CI workflow.
- Hands-on expertise with configuration tools like Chef, Puppet, and Ansible. Created several Cookbooks, Manifests, and Playbooks to automate infrastructure maintenance & configuration.
- Create clusters in Google Cloud and manage the clusters using Kubernetes(k8s). Using Jenkins to deploy code to Google Cloud, create new namespaces, creating Docker images, and pushing them to the container registry of Google Cloud.
- Worked with tools like Docker Compose, Kubernetes, for Orchestrating and deploying the services related to the Containers and with container-based deployments using Docker, working with Docker images, Docker hub.

Globallogic India Pvt Ltd

Role - Senior Software Engineer

Mar '11 - May '16

Noida, India

GlobalLogic is a digital product engineering services company that was founded in 2000 and is headquartered in San Jose, California. It is a privately held company funded by Partners Group and CPP Investment Board. GlobalLogic provides software product development services.

Project – WCS v7 implementation for a leading e-commerce client

This project was about redesigning the client storefront to use the new Commerce Composer framework. Migrating the BOD profiles to the REST search profiles and implementing delta indexing.

- Worked on Re-Designed the new PLP using the widget framework as introduced in FP8.

- Worked on fetching the data using SOLR.
- Worked on redesigning the preprocess files to support delta indexing in SOLR.
- Added new facets and sort fields in SOLR.

Project – WCS v6 to v7 migration for a leading e-commerce client
This project was about the migration of the e-commerce store from WCS 6.0 to WCS 7.0 platform. It involved the implementation of new enhancements and customizations on the current system.

- Re-designed and developed existing registration and signup functionality.
- Worked on Borderfree Envoy migration for International cart.
- Worked on different IBM WebSphere commerce subsystems like Member, Catalog, Attribute Dictionary, Orders and Payments.

RMSI Pvt Ltd   Mar '07 - Mar '11
Role - Software Engineer   Noida, India

RMSI is a global leader in geospatial and engineering solutions. These solutions address global issues of climate change, natural calamities, human habitation, food security, autonomous transportation, smart utilities and networks.

Project - Geo-Spatial Thick Client Java Application
Worked on a GIS application for our client Sensis, Australia to fulfill their business requirements with help of GIS. In this project, I am responsible for creating Query Management Tool which is used as a task allocation and monitoring tool.

- My job was to gather the requirements, design, and implementation for the same.
- Client communication for task/module assigned.
- Understand the external systems Jira and Act which our client was earlier using for task/query creation.

Project - News portal management site for a leading client

Worked for UK's largest regional media organizations publishing over 100 newspapers every week, including famous brands like The Leicester Mercury, Essex Chronicle, and The Cornishman, and operating a growing network of over 45 local newspaper websites.

- Requirement Analysis for new feature addition and changed request.
- Program Design as defined in Requirement Specifications.
- Bug Fixing and Defect resolution.
- Communication with UK clients on chat, Email, and telecon.

EDUCATION

Kurukshetra University   Jun '04 - Jul '06
M. Sc. in Computer Science   India, Haryana

The Kurukshetra University was established in 1956 as a unitary residential University and its foundation stone was laid by late Dr. Rajendra Prasad, the first President of India

Delhi University   Jun '00 - Jul '03
B.com(pass)   India, Delhi

The University of Delhi, informally known as Delhi University, is a collegiate public central university located in New Delhi, India. It was founded in 1922 by an Act of the Central Legislative Assembly and is recognized as an Institute of Eminence by the University Grants Commission.

DOEACC Society   Jun '03 - Jul '04
A Level   India, Delhi

The Department of Electronics and Accreditation of Computer Courses (DOEACC) (Presently National Institute of Electronics and Information Technology - NIELIT) is an autonomous scientific society under the Ministry of Electronics and Information Technology, Government of India and is involved in training, consulting, product development, entrepreneurship and human resource development in information, electronics & communication technologies.

DOEACC Society   Jun '01 - Jul '03
O Level   India, Delhi

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Personal details

Date of Birth   16 Oct 1982

Permanent Address	RZ – 60B Dwarka Puri, Palam Road ND - 45
Present Address	B3-201, Cherry County, Noida Extension
Marital Status	Married
Nationality	Indian
Languages	Hindi, English, Punjabi
Hobbies	Playing Chess and Indian Classical Music

Certifications

Professional Cloud Developer - GCP