

# Ghanshyam Gupta

**Role- Software Engineer III - IGT INC**

Fremont, CA - Email me on Indeed: [indeed.com/r/Ghanshyam-Gupta/bf77e5a3d076baf3](https://www.indeed.com/r/Ghanshyam-Gupta/bf77e5a3d076baf3)

Certified agile developer with 10 years of professional experience to create leading edge applications and services for organizations in diverse industries. I have worked in different software development framework i.e. waterfall and agile methodologies like Kanban and scrum. I am currently working on scrum framework for developing Platform as a Service (PaaS) platform using modular and dynamic application development in OSGi. I have worked in all phases of the System Development Life Cycle, including planning, designing, programming source code, testing, automation testing, and configuration, deployment and release management.

- Certified Scrum Master (CSM), Sun Certified Java Programmer (SCJP), Sun Certified Web Component Developer (SCWCD).
- Specialized in developing Modular and Dynamic application in OSGi with blueprint framework and Karaf container, Web applications & Enterprise Applications using Eclipse, IBM WSAD 5.1.2, IBM Rational Software Architect 7.0, and IntelliJ.
- Specialized in developing web services using REST and Apache Thrift.
- Technical expertise includes Full Lifecycle Object Oriented development using use Case approach, Object Modeling, and Design.
- Expertise in Object Oriented Analysis and Design (OOAD), UML and Java and J2EE Core Design Patterns, Use Cases, Sequence Diagram and Class Diagrams.
- Development expertise in utilizing language likes Java & IDE's including IntelliJ, RSA, RFT, and Eclipse.
- Experience in implementing applications using OSGi using Blueprint container, spring, and Hibernate and MyBatis Frameworks.
- Expertise in J2EE Concepts: EJB, JNDI, JMS, RMI and Web Application Development using EJB, Servlets, JSP, XML and JDBC.
- Experience in database programming using NoSql like MongoDB and Sql like IBM DB2, proficiency in developing SQL in JDBC as well as client server environments.
- Strong problem analysis/solving aptitude and a great team player.
- Ability to work independently with minimal or no supervision to meet deadlines.
- Best Practice Mentoring - guiding development teams in use of best practice design strategies and design patterns in building mission-critical, enterprise applications
- Extensively worked on Web Technologies like XML, HTML, JavaScript, AJAX, Angular.js, JQuery, XSL, and XSLT, and worked on various operating systems like Windows, Ubuntu.
- Cleared Patni Internal Certification for INS-21 exam and Level 2 certification for J2EE developer.

Willing to relocate: Anywhere

Sponsorship required to work in the US

## WORK EXPERIENCE

### Software Engineer III

International Game Technology - San Francisco, CA - January 2013 to Present

is a Nevada based company specializing in the design, development, manufacturing, sales and distribution of gaming machines and network system products internationally, as well as online and mobile gaming solutions for regulated markets. The company's main offices are in Las Vegas and Reno with other offices around the United States. Outside of the USA the company has been involved in online gaming since 2005.

The IGT Systems team seeks to broaden its next generation platform in cloud environment. Project involves core platform development efforts using various open source technologies.

**Roles and Responsibilities:**

- Participated in designing and development of software using agile development practices
- Architect and develop creative solutions and write technical design documents
- Evaluate and recommend appropriate technologies based on product needs
- Work closely with management to determine feasibility of product features
- Develop and execute unit tests for product components
- Perform peer code reviews and provide feedback
- Encourage innovation of process and creative development methodologies
- Provide work estimates for proposed projects
- Promote high quality, scalability, and timely completion of projects
- Work with diverse and geographically distributed teams

Environment: OSGI Services using Blueprint container, DOSGi, REST web services, Spring Boot micro services, Docker, Jenkins, Java, JSP, Angular.js, JDBC, GitHub, Eclipse, Java Beans, Java Script, PostgreSQL, MongoDB, Hibernate, MyBatis, Jmeter, Sonar Qube, RabbitMQ, RabbitMQ Cluster, Redis, Redis Cluster, Apache Shiro, Apache CXF, Apache Karaf, Apache Servicemix, Apache Camel, Apache Zookeeper, Apache Thrift, Json, Salt Script, Shell Script, Open LDAP, Swagger, Drools, Quartz, Debian packages, Openstack, VMware, Atlassian agile tools (Jira, Confluence), Team Pulse.

**Senior Software Engineer**

Google - Mountain View, CA - April 2012 to January 2013

Project: Supply Chain Portal

Google Inc. is US Based Company and worldwide leader in internet search technology. Google is embarking on a series of projects to improve their inventory tracking and Demand Planning functions and also help implement a reliable, scalable and flexible expense and vendor management solution for tracking PROD network bandwidth and space expenses.

The Purpose of Supply Chain Portal is to convert the existing tool into a central web-portal location for all users to view, transact, and track all material transaction in Oracle. The goal is to build a standard web-portal that is scalable for any organization, any transactions. The portal is built to enhance user experience and adopt a "shopping-cart" layout for conducting user transactions for ease of use. Transaction processed using the new supplier portal will also become more real- time as processing will be event based interacting directly with oracle. Project covers following key areas creation of shipment request, status tracking of move request, search on historical move request information, PO Receipt, material transfer, material receipt transactions.

**Roles and Responsibilities:**

- Understanding the requirements of the client and analysis of the application to be developed from FDD.
- Estimation of time and effort required for Development and Testing.
- Creation of TDD.
- Writing design specs for Action Class.
- Development and enhancement of feature included developing UI, business logic, DAO.
- Actively participating in Internal Code Review Process
- Testing - Creation of JUnit classes.
- Training and doing transition to get new members on board.
- Involving in different stages of testing like UAT.

- Integration testing.

Environment: Java, Jsp, JQuery, JDBC, XWork, Perforce, IntelliJ, Mondrain, Java Beans, Java Script, Oracle, MySql, Bugnizer, Google Docs, Google App Engine, Hibernate, Json.

## **Role- Senior Software Engineer**

Patni Computer Systems - Bloomington, IL - March 2007 to April 2012

Project: ECS Financials

State Farm Insurance Company is US Based Fortune 500 Company working mainly in Auto, Fire & Life insurance domain. The goal of the project is to create application for claim system. This application uses AICS architecture for development.

Claim Financials manages claim-related financial transactions necessary for claim handling processes. All financial transactions are generated from a Cause of Loss which is tied to a claim. The core financial processing includes reserving, payments, and recoveries. Various payment methods are supported including manual, recurring, Electronic Funds Transfer, and automatic payment generation without user interaction. In addition, there are a set of administrative functions that support the core financial processing. These functions include such features as Authority, Financial Log, Financial Summary, Limit Checking, Interest calculations, Wage Loss Calculator, and medical bill calculations. Scope of work at offshore involves development of application and supporting documentation for above mentioned modules.

Roles and Responsibilities:

- Participated in designing and development of software using agile development practices.
- Understanding the requirements of the client and analysis of the application to be developed and communicate that to offshore also.
- Estimation of time and effort required for Development and Testing.
- Implementing Java Design Patterns in coding.
- Designing of the application i.e. Creation of HLD and LLD.
- Writing design specs for Business Objects (Pseudo Code).
- Coding the application logic in Java using Rational Software Architect.
- Review of offshore design specs as well source code as per standard check list guidelines
- Testing - Creation of JUnit and JUnitEE classes using Rational Software Architect.
- Awarded with V.C.A. Award for Project ECS Financials in Q1-09
- Got Dream Team award for year - 2009

Environment: Java, XML, XSL, ECS Framework, SVN, Rational Software Architect, Lotus Notes Client, IBM DB2 Command Center, Clear Case and Clear Quest

Project: ECS Automation Testing

ECS Test Automation is an Open Source automation framework designed around the idea of reusable components. It is built on Rational Functional Tester (RFT), IBM's test automation software and Web Application Tester (WAT) a State Farm Developed Plug-In. It is intended to make it easier to create automated test cases and workloads. ECS Test Automation helps increase the efficiency, productivity, and quality of the testing by improving the level of automation and reusability in individual test cases as well as overall test environment.

The main aim of this project is to automate entire manual functional test case for all the screens.

Roles and Responsibilities:

- Created framework for host automation application using IBM FTE.

- Created framework for Enterprise dynamic data which enables testing across different release version just based on criteria.
- Created Script base classes and screen objects provide reporting support, multi-environment configuration files, data retrieval, and reusable methods for interacting with the application user interface.
- As per the knowledge of application create the Flows - Reusable components that can be called in the individual scripts to perform series of screen flow. Flows are equivalent to Common Steps of manual testing
- Involved in the review process of the entire framework component as well as reusable component.
- Created Pure Java Classes (Screen objects) for different screens.
- Worked on agile approaches and Scrum
- Involve lot of analysis in XSL component for creating Screen object.
- Java and XSL coding
- Onsite Coordinator for offshore.

Environment: RFT8.1, Core Java, XML, XSL, ECS Automation frame work, WAT, Clear case, Clear Quest, SVN , TRAC, IBM FTE

## SKILLS

JAVA (10+ years), JDBC (10+ years), JSP (10+ years), APACHE (10+ years), ECLIPSE (10+ years)

## LINKS

<https://www.linkedin.com/in/ghanshyam-gupta-63082421/>

## ADDITIONAL INFORMATION

### TECHNICAL SUMMARY

Languages & Tools JDK, J2EE Concepts, Servlets, JSP, Java Beans, JDBC, UML, OOAD, ANT, Blaze, Google Mondrain.

Databases PostgreSQL, MongoDB, IBM DB2, Oracle

Version Control Stash, Perforce, VSS, Clear case, Clear Quest, SVN, TRAC

Web/Application Servers Apache ServiceMix, Apache Karaf, WebSphere, Tomcat, Google App engine

IDE IntelliJ 10, Eclipse Mars, RFT8.1, Rational Software Architect

Build/Source Tools Github, Rational Tools (Rational Software Architect, Clear Case and Clear Quest), Maven, Ant.

Methodology OOAD, UML, OOP's, J2ee Design Patterns, MVC framework, Agile Kanban, Agile Scrum