

# Pulkit Tiwari

## Senior Software Engineer

### SUMMARY

Accomplished senior software engineer having over 5+ years of experience in designing, developing and maintaining applications for various clients. Analytical problem-solver, driving innovative solutions for Backend Java Development. Goal-oriented team leader and self-directed team player with proven success managing multiple simultaneous projects and tasks. Prudent decision-maker with exceptional interpersonal, organizational and communication skills.

### CAREER HIGHLIGHTS

- ★ Strong experience in Requirement Gathering, Analysis, Design & Document Preparation, Framework Design & Implementation, Unit Test Cases and Quality Reviews & Deployment of products.
- ★ Possess Strong Software Developing Expertise including Designing/Modelling, Programming/Coding of Server-side and Client-side Web Components.
- ★ Expertise in Developing Distributed and Resilient Micro-services using Spring Boot.
- ★ Expertise in Developing Distributed Reactive Microservices using Spring WebFlux and Reactor 3.3.
- ★ Worked on a container-based development environment with Docker with Kubernetes.
- ★ Very good hands-on experience in frameworks such as RESTful web services, GraphQL, Jasper Reports, Drools, JBPM and ORM tool Hibernate.
- ★ Worked on AWS Cloud Services - EC2, RDS, Cloud-Front, S3, SNS, SES, SQS, Route 53, ElasticCache (Redis, MemCache, HazelCast, Caffeine, Ehcache).
- ★ Worked on Queuing Techniques such as ActiveMQ, SQS.
- ★ Have sound knowledge on traditional technologies JMX, Hazelcast & Quartz.
- ★ Worked on end to end with Performance Monitoring Tools like AppDynamics &
- ★ Very much interested in open source contribution

### WORK EXPERIENCE

- ❑ **Publicis Sapient, Feb 2021 to Present**  
**Senior Software Developer – Digital Uplift Trading Platform, Goldman Sachs**
  1. Develop new workflows/features for event-based trading platforms.
  2. Perform bug fixes and Code Refactoring.
  3. Write test cases for better code coverage.
- ❑ **Clairvoyantsoft, August 2019 to Jan 2021**  
**Senior Software Developer – Shutterfly**
  1. Design/Develop new Microservices using Spring Boot 2.2.2 to implement new features for Shutterfly.
  2. Performance Testing, Monitoring and Improvement of Microservices and Monolithic Applications.
  3. Maintain and update the database while implementing various features for the website.
  4. Creating and Maintaining Monitoring Dashboards (Splunk, Signalfx)
  5. Perform bug fixes and improvement of existing code.

6. Write test cases for testing those new features.

❑ **Talentica Software Pvt Ltd, Feb 2018 to July 2019**

**Software Developer L-2 – Step Solutions Automated Insurance Underwriting Platform**

The purpose of the Step Platform was to automate insurance underwriting process, business acquisition, policy administration and to provide claims processing solutions.

Worked with a distributed team of 5 DEVs & 3 QAs in India to deliver below key initiatives

1. Designing new Micro-services Architecture for Existing Monolith Application using Spring Cloud, Spring Boot.
2. Working with onsite project manager to track status & issues in offshore development, figuring out various test cases and reviewing change requests / enhancements
3. Contribution in product development, handling JIRA issues, production issues with mentors and finding various bugs in the product across multiple environments and operating platforms.
4. JAVA development, including design & troubleshooting of an application, Effort Analysis including validation of needs, proof of concept with team members.
5. Designing a fully Configurable Underwriter Engine Application using Drool Rules Engine.
6. JVM Tuning of STEP Application, Performance Tuning of Postgres DB and Updating Indexes for better performance and Performance Testing, Enhancement and Tuning of STEP Application.

❑ **AVIZVA, July 2016 to Feb 2018**

**Software Developer– PRIVATE EXCHANGE, HEALTH PLAN SERVICES, USA**

Module: Catalogue Management, Quote Results, FFM Eligibility Check.

The Private Exchange is a multi-tenant cloud platform that currently runs over 250 uniquely branded and customized health insurance exchanges.

Worked on Catalogue Management, Quote Results, FFM Eligibility Check Modules to deliver below key initiatives.

1. Designing an Email Handling and Retry Mechanism Module for Private Exchange Platform using Amazon Web Services (AWS) SQS queues and Amazon Web Service S3 storage SDK, Java Messaging Service queue listeners and Spring schedulers.
2. Re-Designing the Catalogue System for various insurance templates for faster data imports.
3. Handling builds and deployments of PE Platform in various environments.
4. Writing Unit Test Cases for the Modules worked on.

## EDUCATION:

1. Master of Technology, Software Systems: BITS PILANI, 2021 - Present
2. Bachelor of Technology, Electronics and Communication Engineering: Motilal Nehru National Institute of Technology, Allahabad, 2012 - 2016

## SKILLS:

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|-------------------------------------|--|
| ❑ <b>Technology – Language</b>      | Java 8.0 +   |
| ❑ <b>Technology – Frameworks</b>    | Spring 5.0, Play 2.0, Spring WebFlux, Spring Boot 2.2.2, Vert.x, Hibernate 5.0 |
| ❑ <b>Technology – CMS Platforms</b> | BloomReach, Liferay  |
| ❑ <b>Technology–Build Tool</b>      | Maven 3, Gradle, Ant   |
| ❑ <b>Technology–Database</b>        | MySQL, Postgres DB, MSSQL, MongoDB and Cassandra                               |
| ❑ <b>Technology–Cloud Services</b>  | AWS, GCP   |

❑ <b>Technology–Servers</b>	Tomcat, Jetty, Netty, Undertow
❑ <b>Technology–Monitoring Tools</b>	Neustar, AppDynamics, SignalFx, Graphite
❑ <b>Technology–Log Management Tool</b>	Splunk, Loggly
❑ <b>Technology–Cache</b>	Redis, HazelCast, Ehcache, Caffeine
❑ <b>Business AnalysisSkills</b>	Requirements Analysis & Documentation

### ADDITIONAL DETAILS:

- ★ **LinkedIn** - <https://www.linkedin.com/in/iampulkittiwari/>
- ★ **Mail** - [pulkittwr@gmail.com](mailto:pulkittwr@gmail.com)
- ★ **GitHub** - <https://github.com/Warcraft2>
- ★ **Mobile No** - +91-8821923507