# Vipul Gohil

Development Manager, Lead, Architect 20+yr EXP

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Java Kafka Spring AWS GCP

# PROFILE

Results-driven leader with 20+ years of expertise, strategic and tactical solutions provider, proven record of accomplishment in designing, developing, and delivering over 100 successful projects.

- 20% Reduced computational footprint by design change and code optimization.

- 15% reduction in problem reports / issues improved turnaround time.

- 30% improved by reducing LOC by reusability.

- 10% reduction in upkeeping cost by converging application from functional point of view.

- 30% improvement in application hotspots by using online / offline /batch modes.

**Strategic Leadership**: Collaborate with Business Architects, Product Owners, Agile Coach to ensure Solution and Technical Architecture creation for a given requirement/feature/initiative. Digital Transformation, converting monolithic application into microservices, Implement cloud computing, AI, machine learning. Encourage a culture of innovation and continuous improvement. Up Skilling / Re Skilling team for modernization, innovation & transformation.

**Versatile Application Development**: Extensive experience in application development across various domains, including Services, APIs, Online, offline, batch, open system, proprietary, and Cloud/on-premises solutions.

**Cloud Solutions and Migration Mastery**: Spearheaded successful cloud solutions and migrations across platforms such as AWS, Private Cloud, Hybrid, Public Cloud, Azure, and GCP.

**Resource Planning and Management:** Strong capacity planning and resource management skills, ensuring optimal utilization of resources and efficient project delivery.

**System Design and Enhancement:** Recognized as an expert in system design, review, and enhancement, contributing to the overall efficiency and effectiveness of projects.

**People Leadership:** Lading and mentoring team of 15 engineers located in USA and India, fostering a collaborative and high-performing work culture. Conducted 1-on-1 sessions with team members, led performance reviews, and actively participated in the appraisal process.

**Procurement and Estimation Excellence:** Successfully managed software and resource procurements, collaborating with resource providers. Provided high-level estimations, employing T-shirt sizing projects and breaking down requirements into Epic/Feature/Stories for detailed estimation.

**Resource Allocation and ERP Expertise**: Proficient in allocating resources in ERP, estimating resource contention/gap, and conducting comprehensive capacity planning.

# TECHNICAL SKILLS

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| Programming Languages | Java, Python, ReactJS, SpringBoot PLSQL, J2EE, Spring  Hibernate, Microservices, RESTful, SOAP, Kubernetes, Jenkins, Git, Eclipse, IntelliJ IDEA, AWS, Kafka |
| AWS Services | EC2, Lamda, CloudWatch, IAM |
| Database | Oracle, MySQL, MongoDB, SQL, NoSQL Database |
| Web Technologies | ReactJS, XML, HTML, JavaScript, Spring, SpringBoot, Struts |
| Cloud Technologies | AWS, GCP, Hybrid, Azure, Google Cloud Platform (GCP) |
| Servers | WebSPhere, WebLogic ,Tomcat, AWS Lambda |
| Code Analysis | CheckMarx,CAST,SonarQuebe |
| Project Management | Team Leadership, Agile Methodologies, JIRA, Confluence, Figma, Scrum, Kanban, Waterfall |
| Soft Skills | Communication Skills, Problem Solving, Analytical Thinking, Collaboration, Time Management, Decision Making, Mentoring and Coaching, Conflict Resolution |

# WORK EXPEREINCE

## Manager software development at Broadridge, NY, USA Apr’08 – June’2024

1. 20% Reduced computational footprint by design change and code optimization.
2. 15% reduction in problem reports / issues improved turnaround time.
3. 30% improved by reducing LOC by reusability.
4. 10% reduction in upkeeping cost by converging application from functional point of view.
5. 30% improvement in application hotspots by using online / offline /batch modes.
6. Spearheading digital transformation of Proxy applications. Collaborate, lead, develop, implement & support 50+ microservices.
7. Collaborate with Product Owners, Agile Coach to ensure Solution and Technical Architecture creation for a given requirement/feature/initiative. Digital Transformation, Implement cloud computing, AI, machine learning.
8. Evaluate, Encourage, Cultivate, foster culture of engineering innovation, collaboration, and continuous improvement.
9. Define, articulate high level estimation, t-shirt sizing, detailed estimation and map that to resources, hours and budget.
10. Expert in aligning business requirements into technology landscape and implementation detail.
11. Reduce technical debt by 30% -up Skilling / re skilling engineering teams (SpringBoot, ReactJS, AWS, ML)
12. Foster collaboration in engineering team members, weekly one-on-one, face to face meetups and encourage to attend work place few days week.
13. Leading a cross-functional team of 15 developers in India and the USA, collaborating closely with development, product, qa, and agile masters, top management, server engineering, application security, team teams.
14. Reducing maintenance cost by 20% in converting monolithic applications into RESTful Apis.
15. AWS Lambda and Machine Learning: Utilized AWS Lambda functions to implement serverless workflows.
16. Expert into contract negotiation, vendor management, and collaborating with third parties for development and delivery of product.
17. Saved 50% of installation efforts by implementing CICD pipeline using CloudBees and Jenkins.
18. Collaboration and Scaling: Collaborated closely with the Site Reliability Engineering (SRE) team to scale and support multiple applications, APIs, and Microservices. Collaborate with Enterprise Architecture and Risk & Security groups to ensure new and existing solutions are aligned with enterprise standards
19. Worked closely with the product team in writing EPICs, stories, and test cases, contributing to enhanced application architecture.

## Consultant/Lead Developer at Liberty Mutual Insurance, NH Nov’06– Apr-2008

1. Provided IT consulting services to Liberty Mutual and contributed to the development of the latest platform for insurance quote services.
2. Engaged in discussions with business and technical managers to identify business requirements.
3. Proposed architecture goals and future application architecture strategies, presenting to top management and business teams.
4. Successfully implemented business intelligence for the insurance domain in Rule Engine - ILog JRule.
5. Tested and administered rules, creating forward and backward chaining rules for various reporting purposes using Rule Studio.
6. Developed XSL for Rate, Quote service, providing a different format XML database based on application clients.
7. Developed XSD to validate inbound XML requests into diverse services.
8. Developed and configured IBM Message Broker, connecting to Enterprise Service Bus (ESB).
9. Implemented various messaging channels for claims and coverage modules in the application using MQ Series.
10. Applied various design patterns including Singleton, Business Delegate, Session Façade, Value Object, Front Controller, and Data Access Object (DAO).
11. Developed Rate and Quote Web Service on WebSphere.
12. Created database objects such as stored procedures (SP), functions, triggers, and views.
13. Developed an automated/regression testing tool using XMLUNIT and HTTPUNIT to test WebService and defined unit testing strategies.
14. Configured a continuous integration framework using Cruise Control.
15. Collaborated with the System Operation Team to resolve production server technical issues.
16. Developed an Applet Swing GUI client interacting with the server using HTTP Tunneling.
17. Led the building of applications, deployment in a QA environment, and communication about features released in the project.

## Sr. Software Engineer at Asite -Construction, IT , Documentum Aug’04 – Nov’06

1. Worked on multiple product development initiatives within a dynamic team environment.
2. Developed Use Case (UC) based on System Requirement Specification (SRS) for the Heading System.
3. Designed various UML diagrams and built prototypes for applications, including class diagrams, sequence diagrams, and package diagrams, using Rational Rose for Investment Plan, Individual Investment, and employee modules.
4. Developed GUI for Fund Manager using Struts, enabling advanced heading options.
5. Led the building, deployment, and performance monitoring of applications.
6. Implemented design patterns like Filter Interceptor, Front Controller design patterns for security purposes, and tracked all requests.
7. Developed various database objects, including stored procedures, views, triggers, and SQL queries.
8. Created Weblogic Multi Pools for different databases in the application.
9. Shared knowledge about AJAX, DWR, and SARISSA by conducting sessions for other team members.
10. Implemented various J2EE design patterns, including Singleton, Filter Interceptor, Front Controller, Business Delegate, and Factory.
11. Developed XSL for different views of Portfolio, Customer, and Traders.
12. Developed XSD for the validation of XML requests coming in from Web services.
13. Implemented SARISSA for client-side XML transformation.
14. Engaged in detail-level coding of Java Server Pages (JSP), Servlet, and Hibernate.
15. Utilized Schema Export utility and Code Generator utility of Hibernate 3.0.
16. Configured MQ Queue for individual Portfolio transactions and Topic for various products related to Portfolio, developing a JMS client to connect to MQ.
17. Developed database objects like stored procedures (SP), functions, triggers, and views.
18. Configured logging mechanisms using Log4j.
19. Conducted code reviews of peers to identify performance problems, bad coding practices, and corrected such issues.
20. Participated in client interactions for resolving technical and functional issues.

# Education

**Hemchandracharya North Gujarat University** 

Master's Degree, Computer Science

2000 - 2003

Master’s degree in computer applications with Distinction (70%+)

Lead Develop Collaborate Drive Champion Ensure Evaluate Implement Foster Cultivate Partner Define Provide Promote Establish Celebrate Take ownership Present Evangelize Articulate Create Direction Mentorship Support Professional growth Development Cross-functional teams Company goals Objectives Technical excellence Best practices High-quality solutions Scalable solutions Innovative technologies Methodologies Product performance Resilience Culture of collaboration Innovation Engineering team Organization Stakeholders Work outcomes Priorities Milestones Strategic insights Technical expertise Product roadmap decisions Senior leadership Engineering initiatives Responsibilities Processes Monitoring progress Measuring results Wins Team level Individual level Internal teams Vision In-person collaboration Creativity Innovation Offices Richness of culture Engineering servant-leader Team-first leadership style Highly available systems Observable systems Resilient systems Scalable systems Performant systems Streaming data solutions Large data volumes Related infrastructure Cloud-based architectures Development Revision control Test automation Deployment automation Data collecting technologies Data streaming technologies Data processing technologies SQL Data structures Data integrity Schema design TypeScript JavaScript Python Java Object-oriented language Work experience Leadership experience Bachelor's degree Master's degree Computer Science Engineering