

## **Gaurav Dixit**

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## **Professional Summary**

Results-driven **Engineering & Technology Leader** with 16+ years of progressive experience in **Java/J2EE, Oracle, Cloud, and Generative AI technologies**. Demonstrated expertise in **architecture, software engineering, and enterprise-scale delivery** within **Banking, Payments, and Financial Services**.

Proven record of **leading cross-functional teams (onsite & offshore)**, managing **large-scale programs**, driving **digital transformation initiatives**, and delivering **mission-critical financial applications**. Adept at **bridging business and technology**, implementing **best practices**, and ensuring **regulatory compliance (SEPA, FFIEC, FI Payments, Payment Reporting)**. Recognized for **building high-performing teams, mentoring talent, and driving innovation in AI and Cloud adoption**.

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## **Skills & Expertise**

## **Leadership & Delivery**

- Technology Leadership, Program/Project Management, Agile & Hybrid Methodologies
- Delivery Ownership: End-to-End SDLC (from requirements to deployment & support)
- Stakeholder Management, Budgeting, Resource Planning, Risk Mitigation
- Offshore-Onshore Team Leadership (up to 30+ members)
- Process Improvements, Estimation Methodologies, Compliance & Governance

## **Programming & Frameworks**

- Java (6–21), J2EE, JSP, Servlets, Struts2, Spring Boot (up to v3), Spring Batch, Spring Integration, Hibernate, JDBC, Multithreading, Microservices, EJB 3.0, CORBA
- API Design, Event-Driven Architecture, Enterprise Integration Patterns

## AI & Generative AI

- Experience with **Generative AI Models (GPT, LLaMA, open-source LLMs)**
- Prompt Engineering, Transformer Architecture, Attention Mechanisms
- Knowledge of **LLM Fine-tuning, Instruct-tuning, Domain-specific Adaptation**

## Databases & Performance Tuning

- Oracle (9i/10g/12c), PL/SQL, Postgres
- SQL Performance Tuning, AWR Analysis

## Cloud & DevOps

- AWS (Certified Solutions Architect – Associate), Kubernetes, Docker, Jenkins, CI/CD
- Pivotal Cloud Foundry, Autosys, Infrastructure Automation, Cloud Scaling

## Testing & Tools

- JUnit, Mockito, Spock, Cucumber, SonarQube
- Monitoring & Analytics: Splunk, Grafana, Dynatrace

## Collaboration & Version Control

- Git, Bitbucket, SVN, ClearCase
  - Agile/DevOps Tools: Jira, Rally, HP ALM
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## Certifications

- AWS Certified Solutions Architect – Associate
  - Oracle 9i SQL Certification
  - Google - Introduction to GenAI [Credential](#)
  - Google - Google AI Essentials [Credential](#)
  - Databricks Academy Accreditation - [Generative AI Fundamentals](#)
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## Work Experience

UGPS Inc. / Ashburn, VA

**Engineering Lead (Client: CapitalOne) | 10/2024 – present**

- Leading Core Engineering team in API architecture, design, and cloud-native delivery using JDK 17 and Spring Boot.
- Designed a **fully automated no-human user experience (NHUX)** system from API launch to **post-production monitoring**.
- Architected **AWS-backed scalable backend services** ensuring high-availability & resilience.
- Established **upgrade strategies & recipes** for continuous modernization of tech stacks.
- Collaborated with business stakeholders, product owners, and senior leadership to **align engineering initiatives with business goals**.
- **Mentored & coached engineering teams**, driving best practices in design, CI/CD, and cloud adoption.

Wipro Technologies, Oakville, ON / O'Fallon, MO

**Technology Lead (Client: Mastercard) | 02/2021 – 10/2024**

- Directed a **30-member Core Engineering team** across multiple geographies.
- Designed & delivered **enterprise-grade APIs, XML Gateway, and File Transfer Services**.
- Spearheaded **CI/CD pipeline modernization**, reducing release timelines by 40% with **Jenkins automation**.
- Architected **AWS cloud infrastructure** for high-availability & DR readiness.
- Delivered **Spring Cloud Task applications** on **Pivotal Cloud Foundry**, enabling large-scale batch processing.
- Lead the Delivery, ensuring **on-time delivery across multiple releases**.

Wipro Technologies, Vienna, VA

**Tech Lead (Client: Capital One) | 07/2016 – 02/2021**

- Developed metadata management applications using Java 8, AWS, and microservices architecture.
- Integrated AWS SQS batch jobs and automated CI/CD pipelines.
- Design, build, and maintain APIs, services, and systems across various microservices.
- Migrated JBoss-based applications to Tomcat for performance optimization.
- Led feature discussions, architectural designs, and solution implementations.

## **Capgemini Financial Services, Charlotte, NC**

### **Senior Consultant (Client: TIAA-CREF) | 09/2015 – 07/2016**

- Developed core modules using Java 8, Spring Batch, and Spring Integration.
- Designed and optimized SQL queries for enhanced performance.
- Led defect tracking, unit testing (Mockito, JUnit), and deployment support.

## **Cognizant Technologies USA Inc., Chicago, IL**

### **Associate (Client: CBOE) | 03/2015 – 09/2015**

- Developed trading modules with Java and CORBA, optimizing trade execution latency.
- Designed and implemented Sprocket-based data conversion for high-speed trading.
- Led offshore teams in resolving technical bottlenecks and production issues.

## **Cognizant Technologies India, Pune, MH / Amsterdam, NL**

### **Associate (Client: RBS) | 06/2009 – 03/2015**

- Developed online payment processing and integration with legacy banking systems.
- Led architectural design and UML modeling for enterprise payment solutions.
- Implemented high-performance batch processing for transaction authorization.
- Managed deployment scripts, disaster recovery drills, and production rollouts.

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## **Education**

### **Bachelor of Engineering (Electrical)**

Bharti Vidyapeeth Deemed University | 2004-2008 | 1st Class

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## Technical Tools & Platforms

- **IDEs & Editors:** Eclipse, IntelliJ IDEA, Toad, SQL Workbench, Postico
  - **Monitoring & Analytics:** Splunk, Grafana, Dynatrace
  - **Automation & Scripting:** Shell Scripting, Python (basic)
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## Additional Information

- **Leadership:** Managed cross-functional teams (onsite & offshore) up to 30+ members.
  - **Project Delivery:** End-to-end accountability for **architecture, delivery, and client engagement.**
  - **Mentorship:** Actively trained & mentored junior engineers and future technical leads.
  - **Innovation:** Strong advocate for **AI adoption, Cloud transformation, and automation-driven engineering.**
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