BHABESH BARIK

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EXECUTIVE SUMMARY

Visionary **Engineering Leader & Solutions Architect** with **16 years** of experience designing and delivering high-performance, scalable software solutions for Top Tier Financial Institutions, including Wells Fargo, JPMorgan Chase, and Bank of America.

Deep expertise in modernizing legacy systems through **Cloud-Native Transformations**, **Microservices Architecture**, and **Micro Frontends**. Proven track record of leading high-velocity engineering teams, establishing technical governance, and driving operational excellence through **DevOps** automation. Passionate about mentoring developers and translating complex business requirements into robust, secure, and maintainable technical specifications.

TECHNICAL COMPETENCIES

Architectural Patterns: Microservices, Event-Driven Architecture, Micro Frontends, DDD, Serverless, SOA, MVC.

Cloud Infrastructure: Microsoft Azure (Certified), AWS, OpenShift, Docker, Kubernetes (K8s), Helm Charts.

Languages & Frameworks: .NET Core, C#, Java (Spring Boot), Python (Flask), Angular, React.js, PWA.

Data Storage: SQL Server, MySQL, Redis (Caching), Confluent Kafka, Azure Service Bus, Apache Iceberg.

DevOps & Tools: Jenkins, UCD, Git, Bitbucket, Jira, Maven, Gradle, Splunk, AppDynamics.

Security: OAuth2, JWT, OWASP Security Standards, SonarQube, Apigee API Gateway.

PROFESSIONAL EXPERIENCE

Wells Fargo   **Jun 2021 – Present**
Lead Software Developer / Acting Architect   *Hyderabad, India*

Tech Stack: *Java, Confluent Kafka, Redis, Spark, OpenShift, AWS S3, Azure, Apigee, Splunk*

- **Architecture Modernization:** Spearheaded the strategic migration of legacy monolithic applications to **OpenShift**, establishing a resilient container orchestration platform that improved scalability by 40%.
- **Event-Driven Design:** Architected high-throughput microservices using **Confluent Kafka** for real-time streaming and **Redis** for distributed caching, ensuring sub-millisecond data retrieval.
- **Data Engineering:** Designed a modern data processing layer using **Apache Spark** and **Apache Iceberg** to handle petabyte-scale financial datasets, integrating **AWS S3** for cost-effective object storage.
- **SQL Optimization:** Conducted deep-dive performance tuning on critical databases; refactored legacy SQL queries and implemented advanced indexing strategies, reducing query execution time by 60%.
- **Zero Defect Delivery:** Championed the "Zero Defect" initiative by implementing rigorous **TDD** and automated regression testing, significantly reducing production hotfixes.
- **CI/CD Automation:** Modernized the release pipeline using **Jenkins** and Azure DevOps, enabling one-click deployments and reducing manual release errors by nearly 100%.
- **API Governance:** Designed and secured enterprise-grade RESTful APIs. Integrated **Apigee Gateway** to manage traffic, enforce throttling, and standardize authentication.
- **Mentorship:** Championed engineering best practices (SOLID, DRY) by conducting rigorous code reviews and mentoring a team of 8+ developers.
- ***Achievement:*** Received the "Spotlight Award" for exceptional leadership during critical system upgrades.

JPMorgan Chase   **Jun 2018 – Jun 2021**
Software Developer   *Hyderabad, India*

Tech Stack: *Java, SQL Server, Jenkins, Agile/Scrum*

- **Legacy Modernization:** Orchestrated the migration of legacy batch jobs to scalable **Java Microservices** and modernized critical legacy applications, enhancing system agility and processing efficiency.
- **Performance Engineering:** Optimized complex stored procedures and database schemas on **SQL Server**. Utilized partitioning, indexing, and query plan analysis to reduce data retrieval latency for high-volume transactions.
- **System Integration:** Collaborated with global stakeholders to integrate upstream and downstream financial data systems, ensuring data consistency and regulatory compliance.

- **Achievement:** Honored with the "Guard of Fort / 5 Keys" award for maintaining the highest standards of operational security.

Bank of America   **Sep 2016 – Jun 2018**
Analyst   *Hyderabad, India*

Tech Stack: *.NET, SQL, Web Services, Banking Systems*

- **Application Development:** Developed and maintained mission-critical web applications, ensuring strict adherence to banking security standards (PII/PCI-DSS protection).
- **Process Improvement:** Collaborated with cross-functional global teams to integrate enterprise monitoring tools, enhancing the visibility of business operations.
- **Database Management:** Focused on backend stability, utilizing advanced normalization techniques to manage complex financial datasets efficiently.

Tekfriday Processing Solution   **Sep 2013 – Jun 2016**
Team Leader   *Hyderabad, India*

Tech Stack: *C#, ASP.NET, SQL Server, MVC*

- **Team Leadership:** Led a development team through the full SDLC (Software Development Life Cycle), from requirement gathering to production rollout.
- **Delivery Management:** Managed sprint planning and task allocation, ensuring timely delivery of features aligned with business goals.
- **System Design:** Designed scalable modules using Component-Based Architecture to support rapid business growth.

EARLY CAREER

Mobiware Inc   **Dec 2012 – Sep 2013**
Senior Software Engineer   *Hyderabad, India*

Focused on developing robust backend services and optimizing application performance for mobile-responsive platforms.

Softnet Technoware Pvt. Ltd   **Apr 2010 – Dec 2012**
Software Engineer   *Bhubaneswar, India*

Started career developing foundational modules and learning enterprise software standards.

EDUCATION & CERTIFICATIONS

B.Tech - Computer Science | BPUT Odisha (2009)

Microsoft Certified: Azure Developer Associate (AZ-204)

Microsoft Certified: Azure Administrator Associate (AZ-104)

Microsoft Certified: Azure Fundamentals (AZ-900)

Professional Training: Cloud Architecture, Microservices Design Patterns