SATYA BHUSAN BARIK

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📍 Bhubaneswar, India

PROFESSIONAL SUMMARY

Versatile and performance-driven **Java Developer with DevOps Expertise**, bringing 8+ years of experience in building scalable enterprise applications and streamlining software delivery pipelines. Adept at bridging development and operations to accelerate releases, optimize system reliability, and drive continuous improvement. Proven ability to lead cross-functional teams, engineer robust microservices architectures, and implement automated CI/CD workflows. I am passionate about innovation, system resilience, and delivering business value through technology.

TECHNICAL SKILLS

- **Languages & Frameworks:** Java 8/11/17, J2EE, Spring Boot, Spring MVC, Spring Data JPA, Hibernate, RESTful APIs, Micronaut
- **Architecture & Design:** Microservices, API Gateways, Event-Driven Architecture, Multithreading, Design Patterns (Factory, DAO, Singleton, MVC)
- **DevOps Toolchain:** GitHub Actions, Azure DevOps, Jenkins, Nexus, SonarQube, Artifactory
- **Containerization & Orchestration:** Docker, Kubernetes (AKS), Helm, YAML, ConfigMaps, Secrets
- **Monitoring & Observability:** Azure Monitor, Splunk, New Relic, Dynamic Trace, Log4j
- **Testing Frameworks:** JUnit, Mockito, Postman, SOAP UI, Gherkin (BDD)
- **Databases:** Oracle, PostgreSQL, MongoDB, SQL Server
- **Methodologies:** Agile, Scrum, BDD

PROFESSIONAL EXPERIENCE

Tata Consultancy Services (TCS), Bangalore
Senior Java Developer & DevOps Lead | *Sep 2022 – Present*

- **Strategic Application Ownership:**
  - Functioned as the end-to-end owner of the **Carrier Gateway** platform, ensuring operational continuity, application scalability, and timely feature delivery.
  - Led Kubernetes cluster upgrades, SSL certificate renewals, and infrastructure optimizations to enhance security and system uptime.
- **DevOps Leadership & CI/CD Automation:**
  - Architected and managed robust CI/CD pipelines using **GitHub Actions and Azure DevOps**, enabling automated code quality checks, integration testing, and deployment workflows across multiple environments.
  - Spearheaded shift-left testing initiatives by integrating unit and integration test suites into the CI pipeline, reducing post-deployment defects by 40%.
- **Cloud-Native API Development & Optimization:**
  - Designed and deployed microservices for **Royal Mail V4 API** integration, enabling seamless consignment and manifest generation with encrypted data flows.
  - Reduced API latency by optimizing persistence operations, introducing in-memory caching, and minimizing external roundtrips.
- **Feature Engineering & Rollout Strategy:**
  - Implemented a dynamic feature toggle system allowing **zero-downtime releases** and progressive rollouts across 270+ production stores.
- **Monitoring & Production Readiness:**
  - Built end-to-end observability using **Azure Monitor** and custom dashboards for proactive alerting and incident response.
  - Ensured production readiness by leading disaster recovery testing, log aggregation, and system health checks.

Capgemini, Chennai
Technical Lead – Java & DevOps | *Jan 2020 – Sep 2022*

- Led the development and DevOps efforts for enterprise-grade applications, collaborating across development, QA, and operations teams to deliver high-availability systems.
- Defined and implemented **Infrastructure as Code** practices using Docker and Helm for consistent environment provisioning.
- Directed sprint ceremonies and mentored a team of 5+ developers and DevOps engineers on Agile best practices, code reviews, and performance tuning.
- Coordinated with product stakeholders for backlog grooming, scope definition, and release planning.

Mphasis, Chennai
Senior Java Developer | *May 2018 – Jan 2020*

- Engineered mission-critical backend systems for FedEx's real-time order processing and fulfilment, leveraging microservices and messaging queues.
- Contributed to CI pipeline enhancements and introduced static code analysis tools to improve code quality compliance.

L&T Infotech
Software Engineer | *Oct 2016 – May 2018*

- Designed and integrated custom workflow modules for CitiBank's KYC and OTC Derivatives platforms.
- Developed barcode-based document verification systems and handled third-party service integrations via REST APIs and batch processing.

PROJECT HIGHLIGHTS

- **NG Straight2Bank Reporting – Standard Chartered Bank**
  Delivered cloud-native reporting APIs and data aggregation microservices, supporting real-time insights for corporate banking operations.

- **FedEx OTPF**
  Developed scalable order-to-payment logic for label printing and shipment orchestration, integrating with multiple third-party APIs using WebLogic and Oracle.
- **Confirmation Workflow Manager – CitiBank**
  Built a BPM-driven document lifecycle system with visual workflow tracking, automating confirmation processes for derivative trades.

EDUCATION

Master of Computer Applications (MCA) – Utkal University, Odisha
Specialization: Computer Science

CERTIFICATIONS

- 🏅 **Brainbench Certified – Java 1.17** (Score: 85%)