Akash Kumar Soralle

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Professional Summary

Software Engineer with 4+ years' experience developing Java Spring Boot microservices, SQL-driven backend systems, and distributed architectures across financial, healthcare, and automotive domains. Proficient in Java (Spring Boot, Hibernate, Kafka) and SQL (PostgreSQL, SQL Server, Cosmos DB), delivering optimized transactional workflows and scalable enterprise solutions. Skilled in Python automation, ETL pipelines, and analytics with R, ML, and Power BI, driving efficiency, insights, and measurable business impact.

Technical Skills

Languages: Java, SQL, Python, JavaScript
Frameworks: Spring Boot, Hibernate, JUnit, React.js
Databases: SQL Server, PostgreSQL, Cosmos DB
Cloud & DevOps: Azure, Azure DevOps, Jenkins, Docker, Kubernetes, Terraform
Messaging & ETL: Apache Kafka, Azure Data Factory
Analytics & Tools: R, Power BI, ML, Git

Professional Experience

Deloitte — Sr. Software Engineer | United States, North Carolina | Aug 2024 – May 2025

- Built Java Spring Boot microservices on Azure Kubernetes Service, improving scalability and cutting latency 34%.
- Developed SQL queries and stored procedures, optimizing transaction performance by 28% across financial applications.
- Implemented Apache Kafka for real-time data streaming, reducing inter-service delays 31%.
- Automated ETL pipelines with Python + Azure Data Factory, cutting batch processing time 36%.
- Migrated databases to Cosmos DB, ensuring compliance and high availability.

Accenture — Software Engineer | Hyderabad, India | Sep 2022 – Jul 2023

- Migrated enterprise systems to Java Spring Boot on Azure App Services, reducing provisioning by 40% and supporting 200K+ users.
- Designed SQL workflows with PostgreSQL, improving response times 31%.
- Automated deployments using Jenkins + Python, reducing release errors 22%.
- Built secure REST APIs with Hibernate and JWT authentication, cutting latency 33%.

Volvo — Software Engineer | Hyderabad, India | Apr 2021 – Aug 2022

- Developed Java Spring Boot services for IoT vehicles, reducing synchronization delays by 32%.
- Optimized SQL queries and indexes for predictive maintenance, improving efficiency 27%.
- Built Python automation scripts for ETL pipelines, reducing processing times by 18%.
- Created Power BI dashboards for fleet analytics, improving uptime tracking across regions.

Projects

- **Optimizing Online Insurance Conversions (Jan 2025 – May 2025):** Applied SQL, R, and ML models on 100K+ quotes with Power BI dashboards, projecting a 20% boost in online conversions.
- **Tesco Supply Chain Analysis (Nov 2023):** Built Power BI dashboards with advanced DAX, uncovering inefficiencies that simulated a 20% sales increase and 15% profit rise.

Education

M.S. in Business Analytics, University of New Haven, CT — GPA: 3.83/4
B. Tech in Electrical & Electronics Engineering, India — GPA: 8.07/10