

RAJ KAPUR SAHA

Senior Backend Engineer | Java, Spring Boot, C# | Technical Consultant

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PROFESSIONAL PROFILE

Senior backend engineer and technical consultant with 14+ years of experience delivering enterprise software for global logistics, customs, data, government and cloud platforms. Deep hands-on expertise in Java, Spring Boot, REST APIs, microservices, databases and production support, with practical C# and Python experience. Known as a quick learner who designs reusable components, reduces duplicate code, performs continuous code reviews and owns testing, security, CI/CD pipelines, deployments and operational reliability. Based in Cyberjaya, Malaysia and available for Malaysia-based, regional and international opportunities.

CAREER HIGHLIGHTS

- Owned and enhanced more than 12 Spring Boot microservices supporting DHL security, logistics, customs and regulatory workflows.
- Reduced support effort by approximately 95% through a purpose-built recovery tool.
- Improved migration performance by approximately 50% through SQL tuning, load balancing and automation.
- Received the ExxonMobil DART Innovation Award for Azure Data Factory innovation.
- Demonstrated rapid learning across Java, C#, Python, data engineering and cloud-native delivery.

TECHNICAL EXPERTISE

Area	Technologies and Practices
Backend	Java, J2EE, Spring Boot, Spring Security, Spring Data, Hibernate, REST, SOAP, WebFlux, C#, Python
Architecture	Microservices, distributed systems, event-driven architecture, API design,DDD, CQRS, modular platforms, reusable components, DRY principles
Cloud & DevOps	Azure, OCI, Docker, Kubernetes, OpenShift, Jenkins, GitLab CI, CI/CD pipeline ownership, build and release automation, observability
Data & Messaging	Kafka, Redis, Airflow, Azure Data Factory, Snowflake, FiveTran, SQL, Power BI, Qlik
Databases	Oracle, PostgreSQL, MySQL, Oracle NoSQL, MongoDB, Redis, Snowflake, SQL Server, Cosmos DB
Quality & Security	JUnit, Mockito, unit and integration testing, SonarQube, Fortify, static analysis, secure coding, code-quality gates
Frontend & Tools	React, Angular, AngularJS, TypeScript, JavaScript, JasperReports, Git, JIRA, IntelliJ

PROFESSIONAL EXPERIENCE

Senior Technical Consultant | Nityo Infotech Sdn. Bhd. | Client: DHL

Oct 2021 - Present | Malaysia

- Design, develop and maintain Java, Spring Boot and C# services for business-critical logistics, customs, shipment-security and regulatory platforms.
- Served as hands-on backend lead, continuously reviewing pull requests and guiding 4-6 engineers on design, implementation, troubleshooting and engineering standards.
- Own more than 12 backend microservices and support cloud migration, secure integrations, performance tuning, deployment automation and production stability.
- Maintain Jenkins and GitLab CI/CD pipelines, build configuration and release automation because delivery responsibility sits within the engineering team rather than a separate DevOps function.
- Create reusable components and shared implementation patterns to eliminate duplicate code and improve consistency across services.
- Own unit testing and quality remediation using JUnit, Mockito, SonarQube, Fortify and AI-assisted development workflows.
- Contributed to a recovery tool that reduced support effort by approximately 95%; independently own a Java/Spring Boot/PostgreSQL/React internal application.

Technical Software Engineer | ExxonMobil

Mar 2019 - Sep 2021 | Malaysia

- Delivered data engineering, migration and automation solutions for global teams, moving rapidly from C# migration development into Python data engineering.
- Built ETL and ingestion solutions using Python, Airflow, Azure Data Factory, Snowflake, APIs, FiveTran, Azure, OpenShift and SQL.
- Improved data-migration performance by approximately 50% through SQL tuning, load balancing and automation.
- Received the DART Innovation Award for an Azure Data Factory-based solution and worked closely with business users and data analysts.

Senior Java Developer | Bestinet Sdn. Bhd.

Jan 2018 - Feb 2019 | Malaysia

- Designed and developed Java/Spring services for a Malaysian government foreign-worker management platform.
- Resolved critical backlog issues, collaborated with business analysts and guided developers on technical solutions.

Software Engineer | Raydar Research Sdn. Bhd.

Mar 2016 - Dec 2017 | Malaysia

- Owned end-to-end delivery for startup projects covering requirements, architecture, estimation, coding, demonstrations and production support.
- Built an enterprise expense-management product from scratch using Java/J2EE, Spring, Hibernate and AngularJS.

Software Engineer / Software Developer | Genweb2 and Prolog Inc.

May 2012 - Jan 2016 | Bangladesh

- Developed cloud hospitality SaaS, healthcare and appointment-management applications using Java/J2EE, Spring, Struts, AngularJS and JavaScript.

SELECTED ENTERPRISE PROJECTS

- DHL Security Monitoring Platform: enhancement and operational ownership across more than 12 microservices with cloud migration, integrations and production support.
- DHL Regulatory Archive Storage & Retrieval: Spring Boot, PostgreSQL and Angular platform; recovery tooling reduced support effort by approximately 95%.
- DHL Clearance Engine: Java and C# customs platform covering compliance checks, regulatory matching, tariff and duty calculations, APIs and production stability.
- ExxonMobil Data Platforms: C# migration tooling and Python/Airflow/ADF/Snowflake ingestion solutions for European data sources.

EDUCATION AND RECOGNITION

- MSc in Software Engineering | Leeds Beckett University | 2017
- DART Innovation Award | ExxonMobil | Azure Data Factory innovation

LOCATION AND MOBILITY

Based in Cyberjaya, Malaysia and available for Malaysia-based, regional and international opportunities.