Jose Paolo Noval

Backend Software Engineer | Java / Spring Boot • APIs • Azure & Serverless • SQL

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SUMMARY

Backend software engineer with 7+ years of experience, including 5+ years building enterprise applications in **Java and Spring Boot**. Experienced in developing backend services and microservices, integrating APIs, and deploying cloud applications on **Azure** and **AWS**, including serverless workloads (AWS Lambda) and **Docker**-based environments. Strong in **SQL** and data processing: designed ETL pipelines that cut runtimes from 30–50 minutes to seconds, loaded 20M+ records into Azure Cosmos DB for PostgreSQL, and built Spring Batch jobs for high-volume workloads. Hands-on **application support** background — resolving production and client issues, managing change requests, and coordinating across teams as sub-lead and technical lead. Integrated AI services into applications and enjoy learning and adopting new cloud technologies.

TECHNICAL SKILLS

Languages	Java, TypeScript, SQL, Python
Frameworks	Spring Boot, Spring Batch, Node.js, Angular, Next.js, JSP
Cloud & Serverless	Azure (Cosmos DB for PostgreSQL, application deployment), AWS (Lambda, SQS, S3), Vercel
Containers & Tools	Docker, Git / GitHub, internal CLI and QA tooling
Data	PostgreSQL, MySQL, advanced SQL / query optimization, ETL pipelines, batch processing, data migration
Engineering Practices	API development & integration, microservices, system architecture & database design, code reviews, application support, technical documentation, mentoring

WORK EXPERIENCE

Backend Developer — Snapmart Inc.

Nov 2024 – Present

Node.js • TypeScript • MySQL • AWS (Lambda, SQS, S3) • Docker

Remote, Philippines

- Develop and maintain backend services for a high-traffic e-commerce platform using an event-driven, serverless architecture on AWS (Lambda, SQS, S3).
- Designed and optimized ETL processes that sync stock, price, and product data, reducing runtimes from 30–50 minutes to seconds–minutes through performance tuning and architectural improvements.
- Support core e-commerce features such as the shopping cart — resolving critical production bugs and shipping new functionality including enhanced promo calculation logic.
- Built internal tools to validate and inspect ETL outputs, significantly speeding up QA testing and reducing turnaround time on data-related issues.
- Act as sub-lead on multiple initiatives: coordinating tasks, mentoring teammates, and ensuring delivery quality.

Advanced App Engineering Specialist — Accenture Inc.

Apr 2024 – Sep 2024

Java • Spring Boot • MySQL • AWS • Docker

Hybrid, Philippines

- Developed and maintained Java / Spring Boot microservices for enterprise-grade applications, ensuring high availability and adherence to project standards.
- Performed code reviews for junior and mid-level developers, providing feedback to uphold code quality.
- Prepared and ran Docker-based local testing workflows, enabling faster iteration and more reliable pre-deployment validation.
- Built helper CLI tools that streamlined repetitive engineering tasks across the team.
- Maintained technical specification documents to keep development aligned with stakeholder requirements.

Technical Lead (Acting CTO) — Obscura Fragmentum Inc.

Jan 2023 – Sep 2023

Node.js • TypeScript • Python • PostgreSQL • Azure • AI services

Philippines

- Developed system architecture and database designs for the company's applications, optimizing functionality and scalability.
- Deployed backend applications to Azure and Vercel, ensuring reliable integration and performance.
- Built and integrated AI tools and services through APIs to extend application capabilities.

- Wrote a script to efficiently load 20M+ records into Azure Cosmos DB for PostgreSQL.
- Created backend applications for leads management and ETL processes.
- Handled change requests and client issues, communicating with stakeholders to ensure timely resolution.
- Led a team of developers and designers across roles including hiring manager, business analyst, and project manager.

Software Engineer — Exist Software Labs Mar 2022 – Dec 2022

Java • Spring Boot • Angular • PostgreSQL • Docker Philippines

- Implemented backend services in Java and Spring Boot, following established architectural patterns with clean, maintainable code.
- Worked closely with senior engineers on the design and development of enterprise applications aligned with client requirements.
- Integrated Angular front-end components with backend APIs to deliver end-to-end features.
- Designed and maintained PostgreSQL schemas and queries for production systems.
- Provided application support across the project lifecycle, including bug fixes, enhancements, and deployments; used Docker to standardize development and testing environments.

Application Development Senior Analyst — Accenture Inc. Mar 2018 – Mar 2022

Java • Spring Batch • JSP • Angular • SQL Remote

- Designed and implemented Java backend services and Spring Batch jobs for high-volume data processing.
- Wrote and optimized complex SQL queries supporting reporting, data migration, and core business logic.
- Contributed to the design, development, and support of the system architecture.
- Served as sub-lead and lead: tracked progress, mentored team members, and conducted code reviews.
- Trained offshore resources in Java, Spring Boot, and project standards.

EDUCATION

Bachelor of Science in Computer Engineering — University of San Carlos, Philippines 2012 – 2017