

Anton De Joya

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EXPERIENCE

Lotlinx

Oct 2022 – Nov 2025

Senior Software Engineer

Vancouver, Canada

- Improved API response time by 70% through caching strategies and data-layer optimization; migrated core capabilities to an event-driven Vert.x framework to improve flexibility and scalability.
- Designed and operated application services with data analysts, data engineers, and frontend engineers, integrating Vert.x microservices with BigQuery, Apache Pinot, and Apache Airflow for low-latency analytics and high-availability platforms.
- Built campaign-performance APIs and pages that translated cross-functional data and product requirements into customer-facing insights.
- Migrated a data-cache build process from a monolith to an auto-scaling Kubernetes microservice using KEDA, improving execution speed by 30% and reducing infrastructure costs by 50%.
- Created Prometheus graphs to track API performance in Kubernetes; worked in a multi-cloud environment using AWS, GCP, and Azure, including AWS EKS, EC2, and S3.
- Led critical-issue triage and mentored junior engineers through code reviews and structured guidance.

Standard Chartered Bank

Oct 2021 – Jul 2022

Software Engineer

Singapore

- Designed and implemented Spring Boot and Spring Cloud microservices supporting the transition to a microservices architecture.
- Pioneered unit testing for microservices, reaching 90% test coverage to reduce manual testing and mitigate security vulnerabilities.
- Coordinated cross-functional integration testing for new services to support reliable deployment and operation.

Platinum Analytics Singapore

Oct 2020 – Oct 2021

Software Engineer

Singapore

- Set up integration and deployment pipelines, reducing deployment time from 1.5 days to 2 hours and accelerating release cycles.
- Authored functional and technical design documents that supported securing a client project contract.
- Developed market-data protocol adapters using FIX protocol, improving performance and integration-testing capabilities.

Credit Agricole CIB

Mar 2019 – Oct 2020

Software Engineer

Singapore

- Planned, scheduled, and executed fortnightly software releases for a team of 25 engineers across testing environments.
- Investigated and resolved daily production issues to maintain system reliability.

Nokia

Nov 2016 – Mar 2019

Software Engineer

Philippines

- Developed a 5G traffic generator capable of producing 3.5 Gbps of data for product performance testing.
- Authored detailed specifications for 15 sub-projects, improving development coordination and team productivity.

EDUCATION

De La Salle University

Manila, Philippines

Bachelors Degree in Computer Science majoring in Computer Systems Engineering

2012 – 2016

TECHNICAL SKILLS

Languages: Java, Python, SQL

Backend & Data Platforms: Vert.x, Spring Boot, Spring Cloud, REST APIs, microservices, event-driven architecture, Apache Airflow, BigQuery, Apache Pinot

Databases & Search: PostgreSQL, MySQL, Elasticsearch

Cloud & Infrastructure: Kubernetes, KEDA, Docker, AWS (EKS, EC2, S3), GCP, Azure

Observability & Delivery: Prometheus, Git, GitLab, Bitbucket, Jira, IntelliJ, CI/CD

AI-Assisted Development Tools: Google Gemini, Cursor, Codex