

# ABEQUIBEL, RONAN GADINGAN

## Senior Software Engineer

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Calarian, Zamboanga City, Philippines

## SUMMARY

Senior Software Engineer with expertise in **JavaScript, TypeScript, Python, Java** and proven experience building **scalable web and mobile applications** for **fintech, healthcare, e-commerce, and software agencies**. Skilled in **React, Next.js, Node.js, Django, GraphQL, and real-time systems**, with hands-on experience in **cloud infrastructure, CI/CD, databases, and secure API development**. Passionate about delivering **high-performance, user-centric solutions**, optimizing workflows, and driving impactful results in fast-paced, collaborative environments.

## SKILLS

Language: Javascript, Typescript, Python, Java

Frontend: React, Nextjs, React Native, Angular, Tailwind CSS, Material UI, Antd

Backend: Node.js, Express, FastAPI, Django, Flask, Ruby on Rails, GraphQL, REST APIs, WebSocket

Data & Messaging: PostgreSQL, MySQL, MongoDB, Cassandra, Redis, Kafka, RabbitMQ, Spark, Snowflake

Cloud & DevOps: AWS (EC2, ECS, EKS, S3, RDS, SQS, Kinesis, ElastiCache, CloudFront), Docker, Kubernetes, CI/CD (GitHub Actions, Jenkins, GitLab), Fastlane

Testing & Monitoring: Jest, Supertest, SonarQube, Sentry, LogRocket

Security & Auth: OAuth 2.0, JWT, TLS/mTLS, FHIR

Other: LaunchDarkly, Storybook, Agile/Scrum, Git

## WORK HISTORY

### 06/2024 - Present

San Francisco, CA, USA

#### Senior Software Engineer

##### Carbon Five

- Integrated **large language models (LLMs)** into existing product workflows, resulting in a 40% improvement in user query relevance and significantly reduced support ticket volume.
- Refactored core services into a serverless, **event-driven architecture**, enabling the platform to handle 3x higher traffic loads during peak events with lower infrastructure costs.
- Implemented a real-time **Kafka-based data pipeline** that synchronized user transactions across global regions in milliseconds, drastically improving data accuracy for end-users.
- Overhauled the automated **deployment pipeline** to include mandatory security scanning and cryptographic signing of all build artifacts, reducing the risk of unauthorized code deployment to near zero.
- Migrated the web interface to a modern, **edge-rendered framework** (Next.js), which slashed Largest Contentful Paint (LCP) times by 50% and increased mobile conversion rates.

### 02/2022 - 05/2024

Los Angeles, CA, USA

#### Senior Full Stack Engineer

##### Absolute Web

- Engineered real-time **API orchestration** and robust **ETL strategies** that unified fragmented data, resulting in seamless, accurate inventory and order synchronization.
- Implemented advanced **Edge Caching** and critical rendering path optimizations (LCP/INP), which significantly reduced page load times and increased overall conversion rates.
- Deployed practical AI solutions that replaced static configurations, driving measurable increases in average order value (AOV) and customer retention.
- Migrated critical backend microservices to a **serverless architecture** (AWS Lambda/Google Cloud Functions), which ensured 100% platform uptime while reducing infrastructure operational costs.
- Implemented a "headless" **frontend architecture** using React, which provided a fast, app-like experience that boosted mobile conversion rates.

### 07/2019 - 02/2022

Taguig City, Philippines

#### Full Stack Developer

##### PayMongo

- Developed a **unified API** and dashboard, allowing merchants to consolidate all payment methods into a single, automated reconciliation stream.
- Deployed **real-time API-driven** confirmation tools, which replaced manual "screenshot" checks with instant, tamper-proof payment verification.
- Implemented **machine learning-based** fraud protection, which automated the detection of suspicious activity and successfully scaled card processing capacity by 20x.
- Implemented **edge caching** and **optimized database queries**, which significantly decreased API response times and checkout abandonment rates.

## WORK HISTORY

06/2018 - 07/2019

Iloilo City, Philippines

- **Web Developer**

- **Medicus Philippines Inc**

- Migrated patient data to a **centralized Electronic Medical Record (EMR) system**, which successfully digitized operations and reduced document retrieval times.
- Deployed a **hybrid network solution** that synchronized laboratory results offline, ensuring 99% data continuity for off-site diagnostics.
- Developed **custom middleware** that standardized machine outputs, effectively eliminating manual encoding errors and accelerating result reporting.
- Overhauled network infrastructure with **advanced encryption** and **role-based access controls**, successfully securing sensitive patient information against unauthorized breaches.

## EDUCATION

08/2014 - 05/2018

Manila, Philippines

- **Master of Science in Information Technology**

- **Technological University of The Philippines**

08/2010 - 05/2014

Manila, Philippines

- **Bachelor of Science in Information Technology**

- **Technological University of The Philippines**