

DAVID JEFFREY EBREO

thinker

| tinkerer

| builder

Experience

Senior Software Engineer
G-Xchange, Inc (GCash)

Dev lead for forward-looking KYC (know-your-customer) initiatives

Apr 2025 – present

Involvement:

- Deliver (legacy) vendor projects to production – includes bug-fixing and refactoring to bring Go codebases into more maintainable, idiomatic Go
- Help form the organization's Go practice by contributing rules-of-thumb guide to our knowledge base, and by being active and intentional in code reviews

Technologies:

Go, Kafka, Java, AWS

Application Developer
Personal Collection

Solutions Delivery team involved in maintenance and operation of internal platform for dealers

Oct 2024 – Apr 2025

Involvement:

- Migration of a monolith service into a more microservices approach
- Provide guidance/support regarding AWS usage

Technologies:

Java, Spring Boot, AWS, Couchbase, NoSql

System admin / Cloud engineer
Freelance

Consulting / contract work

Oct 2023 – Jun 2024

Involvement:

- Maintenance and ongoing operations for a publishing company
- Audit cloud usage and document deviance from best practices; optimize costs
- Content creation for a cloud edtech company

Technologies:

AWS, PHP

Software Engineer
Coins.PH

Integrations team; responsible for day to day maintenance of public and partner facing APIs.

Jan 2022 – Feb 2023



arhyth@gmail.com



(63) 917 585 4584



[davidebreo](https://www.linkedin.com/in/davidebreo)



[arhyth.de](https://www.arhyth.de)

- Involvement:
- SMS notification failover project (seconded to Core team), responsible for most of the development; delivered in ~6 weeks, enabling smooth migration to another provider and providing SMS infrastructure savings upwards of 10%
 - Maintenance and operations of fiat integrations (as Integrations team member), eg. add logic for safeguarding transaction consistency in MLhuillier integration
 - Initial research / design input/feedback on new features, eg. add oauth via Facebook, Google, etc

Technologies: Go, Python, REST, AWS, Kubernetes, Django, Helm

Software Engineer
RakutenTravelXchange*

API team; day to day involved in design, implementation, and operation of backend services in Go and Elixir; sole maintainer of Elixir services

Mar 2019 – Dec 2021

Involvement:

- *static metadata service*; maintainer (at a time until end of employment, even sole maintainer); this is a client facing API and one which handled the most traffic in our system; implemented new features but more usually added changes improving API UX and performance
- *stateless mock supplier service*; used for partner onboarding, helping to establish expectations between RTX and partners when certain API errors arise from supplier end
- *rebooking service*; provide API to new kind of partners to do hotel booking arbitrage
- partner integrations (one of which handled 1/3 of booking traffic)
- *booking API gateway*; the “money-making” service
- *internal exchange rates service*

Technologies:

Elixir, Go, Phoenix, REST, GCP, Kubernetes

Software Engineer
MergeCommit Inc

Backend engineering team; involved in the development of API frontend/gateway service

Nov 2017 – Mar 2019

Involvement:

- merchant POS (POC)
- cryptocurrency exchange (MVP)

Technologies:

Elixir, Phoenix, GraphQL

Research Associate
UP-DOST Phil-LiDAR2 Project

analysis and documentation of water feature extraction process; 2014 - 2017
field planning and data validation; automation scripting

GIS Specialist
TVI Resource Development

map production and catalog; database management of
exploration resource; technical support for resource modelling
and exploration;

Certifications

AWS Solutions Architect Associate *Issued February 23, 2023*

- https://www.credly.com/badges/31e56b5f-7039-4b22-800b-7fc4c8070d4f/public_url

Education

University of the
Philippines, Diliman

*Bachelor of Science in Geodetic Engineering
(university diploma)*

Jun 2002 – Oct 2008

Manila Science High School

High school diploma

Jun 1998 – Mar 2002

University of the Santo
Tomas Elementary School

Grade school diploma

Jun 1992 – Mar 1998

