

Contact

+971585776953 (Mobile)
robgas45@gmail.com

www.linkedin.com/in/røb-gasparyan-15bb72112 (LinkedIn)

Top Skills

Large Scale Development
Docker Products
Elasticsearch

Røb Gasparyan

Senior Python Engineer · AI · ML · LLM · Django · FastAPI · Redis · Kafka · AWS · Open to Remote
Dubai, United Arab Emirates

Summary

I build backend infrastructure that keeps high-traffic products running reliably at scale APIs, async pipelines, and distributed systems handling millions of events. For the past 4 years at Bayut & Dubizzle (UAE's largest property platform), I've designed and shipped production Django/FastAPI services backed by PostgreSQL, Redis, Celery, and Kafka/RabbitMQ containerised on Docker/Kubernetes and deployed on AWS. I own the full lifecycle: schema design, query optimisation, metrics/alerting with Prometheus/Grafana, and shipping to production. Before backend I spent 3 years in Android engineering which gives me an end-to-end perspective most backend devs don't have. I think about how API design decisions ripple into client-side latency and UX. Stack: Python · Django/DRF · FastAPI · PostgreSQL · Redis · Kafka · RabbitMQ · Celery · Docker · Kubernetes · AWS · pytest · Prometheus/Grafana
Open to senior remote backend roles. Feel free to connect or message directly.

Experience

Bayut & Dubizzle

Senior Back-End Developer
May 2022 - Present (3 years 11 months)
Dubai, United Arab Emirates

- Maintained and extended Django/FastAPI microservices handling 10M+ monthly API calls in the Dubizzle — UAE's #1 property portals.
- Was part of architects async notification pipelines with Celery + RabbitMQ, processing 500K+ events/day with sub-second delivery at peak load.
- Reduced p95 latency on listing search by ~45% through PostgreSQL query optimisation, partial indexing, and Redis write-through caching.

- Led backend integration of Elasticsearch-powered property search, replacing a legacy SQL full-text search and improving result relevance scores.
- Mentored junior developers on backend best practices code review, testing standards, and system design patterns.

Sololearn

Senior Android developer

September 2021 - May 2022 (9 months)

Yerevan

- Developed and shipped new learning module features in Kotlin for a platform with 20M+ registered users, improving lesson completion flow and reducing drop-off friction.
- Collaborated with backend teams on REST API contracts, reducing client-side data parsing errors by refining response schemas and error handling.
- Improved app startup time by optimising dependency injection and lazy loading patterns across core modules.

HORIZON OASIS FZ LLC

Senior Python Developer

April 2021 - January 2022 (10 months)

Dubai, United Arab Emirates

- Built and maintained REST APIs for a blockchain ecosystem platform including proof-of-stake apps, crypto wallet services, and validator node management.
- Developed trading bot backends with real-time market data ingestion and algorithmic execution logic, handling high-frequency decision loops with low-latency response times.
- Integrated smart contract interactions on the backend, bridging on-chain events with application-layer business logic via Web3 libraries.
- Implemented secure key management and transaction signing flows, ensuring private key isolation from application state.

Trebel Music

Senior Android Developer

April 2020 - September 2021 (1 year 6 months)

Los Angeles County, CA

- Maintained and extended offline music download functionality for 5M+ active users across low-bandwidth markets, optimising background sync with WorkManager.
- Reduced crash rate through profiling and refactoring heavy operations off the main thread using Kotlin Coroutines.
- Led migration of core playback module to ExoPlayer, improving codec support and background playback stability.

Menu Group UK LTD

Team Lead Android

July 2019 - April 2020 (10 months)

- Led a team of 6 Android developers building and maintaining a food delivery app serving 500+ restaurants in Yerevan.
- Introduced code review standards and a PR workflow that reduced production bug rate by ~50% over two quarters.
- Architected real-time order tracking feature using WebSockets, cutting customer support contacts around order status by 20%.
- Build courier application for real time tracking and delivery

TechBuddy

Senior Android Developer

August 2018 - September 2019 (1 year 2 months)

Stockholm

- Built on-demand tech support booking flows for Europe's leading tech support platform, integrating real-time availability and geolocation matching.
- Refactored legacy codebase from Java to Kotlin, reducing crash rate and improving developer velocity across the team.
- Implemented push notification system for job alerts, achieving 80% open rate through optimised payload and deep-linking.

Accontech

Senior Android Developer

August 2018 - June 2019 (11 months)

- Contributed to Android client development for AI and blockchain-powered enterprise solutions, delivering features across data analytics and digital transformation products.
- Refactored legacy Java modules to Kotlin, improving code readability and reducing null-pointer related crashes across core screens.

- Collaborated with cross-functional teams across multiple concurrent client projects in an agency environment, adapting quickly to different codebases and product requirements.

Zangi

Android-разработчик

June 2017 - September 2018 (1 year 4 months)

Santa Clara County, CA

- Developed low-latency audio/video calling features for a secure messenger operating under extreme bandwidth constraints (~10KB/s).
- Integrated end-to-end encrypted messaging with custom protocol handling on Android, ensuring message delivery reliability in poor network conditions.
- Optimised battery and data consumption for background connectivity, key differentiator in markets with limited data plans.

Basic IT Center

1 year 10 months

Deputy Director

March 2017 - December 2017 (10 months)

isahakyan 18

Basic IT Center is an education company. But not one in the way you might think. We're committed to building the best learning experience inside and out, making Basic IT Center the best place for our team to learn, teach, and create the online learning experience of the future

Education is old. The current public school system in the US dates back to the 19th century and wasn't designed to scale the way it has. Lots of companies are working to "disrupt" education by changing the way things work in the classroom and by bringing the classroom online.

Trainer

March 2016 - December 2017 (1 year 10 months)

Yerevan

Java & Android Trainer

March 2016 - September 2017 (1 year 7 months)

Armenia Yerevan

Education

Yerevan State University

Physics · (2013 - 2017)