

Gonzalo Serrano

gon.cat

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About

Experienced Computer Science Engineer with a proven track record in developing scalable backend services and leading agile teams in the tech industry. Expertise in Go, cloud technologies, and microservices architecture. Passionate about clean, testable code and effective teamwork.

Experience

- Current
June '21 **Software Engineer, Tetrade: the Service Mesh company.**
- Working on Tetrade Service Bridge, a multi-cluster Application connectivity platform built on top of the Istio service mesh built in Go and gRPC APIs.
- June '21
Jan '21 **Engineering Manager and Tech Lead, Paack Logistics: a last-mile delivery company.**
- Hired, onboarded, mentored and managed a full-remote team of 10 Go senior engineers.
 - Worked on projects for Routing, Warehouse Management, Identity and Robotics,
- Dec '20
July '19 **Lead Software Engineer, Paack Logistics: a last-mile delivery company.**
- Architected and led the migration to the next-gen event-driven microservices architecture of the company using Go, RabbitMQ, GraphQL, PostgreSQL, GKE/Kubernetes, Hexagonal architecture, DDD, CQRS, TDD. [Slides link].
- March '19
Aug '17 **Full Stack Engineer and DevOps, Lernin Games: mobile educational games.**
- Built the company infrastructure in AWS cloud with Terraform, implementing capacity planning, auto-scaling, resiliency, o11y. Built the games RESTful API and events ingestion services in Go.
 - Automated the builds of Android and iOS apps with Jenkins and Go tooling for assets management.
- Oct '12
Jul '17 **Backend Engineer and DevOps, Social Point: maker of FB and Mobile games with 5M DAUs.**
- Spearheaded the migration to microservices architecture using Go and Terraform in AWS.
 - Developed near real-time, stateful game servers using Erlang/OTP and Go using Websockets. Also developed game services and features using PHP/Symfony2.
 - Tech: Redis Lua Cassandra Spark SOLID Hexagonal architecture DDD TDD Jenkins DynamoDB RDS SQS SNS EMR Lambda
- Oct '08
Sep '12 **Full Stack Engineer, Trovit Search: a Search Engine for Classifieds with 6M DAUs.**
- Implemented critical features of the Trovit web site: new design, new verticals, SEO keyword optimization, performance. Led refactoring to Clean Code and best coding practices in the web team.
 - Tech: PHP git MySQL Redis S3 Memcached Beanstalkd Lucene/Solr SEO Scrum

Education

Jun '08 **Computer Science Engineering, Universitat Politècnica de Catalunya.**

Activities and hobbies

- Founded BcnEng, an online community for SWEs with 12000 members - <http://bcneng.org>
- Golang Barcelona Meetup organizer - <https://www.meetup.com/Golang-Barcelona>
- Hobbies: tennis, padel, yoga, hiking, photography, traveling, music, cooking.