



Jean Paul Torre

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Experience

Senior Software Engineer, Collective Focus - Brooklyn, NY December 2021 - Present

- Owned backend architecture for serverless microservices platform serving 15k-20k monthly active users; delivered real-time map updates, subscription service, points service, auth, and notifications service.
- Worked closely with PM, design, community stakeholders, and users; owned work from concept through implementation/deployment; iterated on React/Next.js UI based on user feedback to improve usability of key flows.
- Led a team of 6 engineers; led recruitment, interviewing, onboarding, mentoring, roadmapping, and technical standards.
- Designed and operated AWS infrastructure with targeted Firebase integrations; documented decisions and trade-offs via ADRs/RFCs.
- Established event-driven architecture with AWS EventBridge; standardized service boundaries and API conventions. Designed API-first, versioned contracts to enable predictable client integrations (React/Next.js, Flutter).
- Engineered data models and access patterns (partitioning, query design, TTL) to meet performance and cost goals.
- Implemented CI/CD with automated contract validation and tests for safe, repeatable releases.
- Built observability with structured logging, dashboards, alerts, and runbooks; enabling faster error detection and root-cause analysis.

Software Engineer, iCapital - New York, NY July 2022 - Aug 2024

- Owned a company-wide API platform: standardized API publishing and documentation across dev/stage/prod and delivered an internal API portal for discoverability and testing; ~90% of services onboarded.
- Refactored monolithic data processing into decoupled, event-driven pipelines; chunked workloads to eliminate Lambda timeouts, increasing success rate from ~60% to 100%.
- Collaborated closely with auth and user support to debug production issues; reduced latency in critical API paths by optimizing service communication and data access patterns; added dashboards/alerts for performance and reliability.
- Partnered with DevOps to automate OpenAPI contract validation and publishing in CI/CD.
- Built and maintained external-facing APIs consumed by internal teams and partner systems; participated in architecture/design reviews across teams.

Associate Full Stack Software Engineer, iRobot - Boston, MA Aug 2020 - July 2021

- Redesigned REST APIs reducing page load times from 20–30 seconds to less than 1 second.
- Implemented full-stack improvements for ML training web tool (angular); used user feedback to improve usability.
- Worked on migration to AWS CloudFormation; improved infrastructure consistency and reproducibility.
- Built CI/CD pipelines, saving ~2 hours per release; authored integration tests and reduced deployment risk.
- Designed time-critical pipelines using Kubeflow + SQS; improved reliability, error handling, and operational visibility.
- Mentored intern and coordinated cross-team data querying improvements with clear acceptance tests.
- Decoupled data schemas and migrated data to new database tables; validated with regression tests and backfills.

Founder/Tech Lead/Full Stack Software Engineer, FCGL - Madrid, Spain July 2019 - Jan 2020

- Owned product scope and roadmap for a 7-service microservices platform (User, Auth, Search, Forum, Recommendation, Shopping, Leaderboard) on Spring Boot, Docker, and AWS; wrote user stories and acceptance criteria aligned to user needs; enforced service boundaries, API contracts, and data ownership.
- Delivered a cross-platform React Native app; coordinated releases and established coding standards and CI/CD practices. Led a cross-functional team (14 engineers, 4 designers); ran standups, prioritized backlog, and secured \$25k grant funding.

Full Stack Software Engineer Co-op, Circle Inc. - Boston, MA July 2018 - July 2019

- Optimized queries; reduced noisy backend error logs by ~97%; delivered full stack session-management UX and APIs.

Technical Skills

DevOps: AWS (Lambda, API Gateway, DynamoDB, S3, EventBridge, SES, CloudWatch, SQS), CloudFormation, Docker
Backend: Python, Scala, Java, JavaScript, Typescript, PHP, Spring Boot, RESTful services, OAuth2/OIDC, JWT
Data: DynamoDB, PostgreSQL, MySQL, MongoDB, data pipelines, Elasticsearch; data migrations
Frontend: React, Next.js, React Native, Angular, HTML, CSS

Education

Northeastern University - B.S. Computer Science

2020