

Roberto Etcheverria

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Paris, France

Backend software engineer with 10+ years of experience, primarily in C++ and Go, building and maintaining production systems in finance and fintech. Strong focus on code maintainability and understanding business requirements behind technical decisions. Enjoys knowledge sharing and mentoring

Dec 2022 - Dec 2025	Software Engineer Freelance, Ibanfirst, Paris, France Fintech company providing cross-border payment and FX solutions for SMEs. <ul style="list-style-type: none">Contribution to a major multi-tenancy migration, enabling logical separation between UK and EU clients following Brexit and company acquisitionsImplementation of payment system extensions, including support for EBICS format and preliminary integration of Goldman Sachs as a banking partnerTransition to the Platform team responsible for client onboarding, compliance validation workflows, and pricing configuration, following a redesign of the configuration architectureActive participation in mentoring, code reviews, technical design discussions, and production support in a regulated environment Tech: Go, Apache Kafka, SQL, PHP (Symfony), Avro, Docker, GitLab/GitHub, Grafana
Dec 2019 - Nov 2022	Software Engineer Freelance, BNP Paribas CIB, Warrants Market Making Team (StarWarrant), Paris, France Investment banking division operating a warrants market-making platform across multiple asset classes <ul style="list-style-type: none">Maintenance and development of a high-throughput market-making system quoting and managing ~300k products concurrentlyClose collaboration with the trading desk to select and validate market data inputs for pricing and contribution enginesDesign and execution of performance and load tests, including replay of highest-volume trading days to validate system behavior under stress Tech: C++, Java, Python, Linux, Git, Jira
Aug 2018 - Sep 2019	Software Engineer Freelance, Euronext, Paris La Défense, France Pan-European stock exchange operator providing regulated cash and derivatives markets. <ul style="list-style-type: none">Development on Optiq Block Discovery, enabling conditional dark orders to improve liquidity while reducing market impactContribution to Wholesale trading solutions, combining regulated market mechanisms with OTC-style workflows and central clearingParticipation across the full development lifecycle: design, implementation, unit and integration testing in an agile environment Tech: C++, Linux, Git, Agile/Scrum
Nov 2012 - Aug 2017	Software Engineer Consultant, Amadeus, Sophia-Antipolis, France Global travel technology provider; team responsible for passenger disruption handling and rebooking tools <ul style="list-style-type: none">Maintenance, optimization, and feature development of a backend system handling flight disruption events and passenger reaccommodationParticipation in system sizing, production support, bug fixing, and extensive testing (unit, regression, n-to-n) Tech: C++, Java, Linux, SQL, GTest/GMock
Apr 2012 - Oct 2012	Internship. Orange Group– Marseille, France Develop a RTP 10Gb testing Tool, using a multicore system (TILEmpower 64)
Jan 2009 - Mar 2010	Internship. Monitoring and detection of issues in the data distribution on CERN's grid. Research laboratory ATLAS, CERN. Two month full time, one year part time and one month on site in Geneva, Switzerland
Aug 2010 - Oct 2012	Master of Engineering: Software Systems and Networks, Mobile Services Télécom Bretagne Brest and Rennes, France
Mar 2006 - Oct 2012	Telematics Engineering. UTFSM, Valparaíso, Chile

Languages
Mentoring
Interests
Awards
Community

Spanish (native), English (professional), French (professional)
Introduction to C, Modern Physics, Introduction to Physics
Physics, Science, Cycling, Photography, Basketball, Snowboard and Hiking
Eiffel Excellence Scholarship Program, National Physics Olympics, National Mathematic Olympics
Video recording and editing of CPP Frug (C++ meetup) and CPPP (C++ Paris conference)

