

Bruno Rodríguez

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Experience

Breezy <i>Founding Software Engineer</i> TypeScript · React Native · NestJS • Designed and implemented full-stack platform architecture and backend services as the foundation for cross-team product development • Led technical integration: unified cross-system data and platforms into a single extensible product • Scoped and shipped full-stack features with product and design; balanced scalability and long-term technical strategy • Built data extraction and tooling pipeline (AI-driven) for diverse, large-scale inputs; enabled compliance coverage by integrating multiple data sources and constraints	<i>San Francisco, USA</i> 04/2025 - Present
Fintual (YC S18, Sequoia Capital) <i>Full-Stack Engineer</i> — Recurrence & Onboarding Team TypeScript · React Native · Ruby on Rails · GraphQL • Built full-stack architecture with strongly-typed APIs and clear contracts; collaborated with product teams to reduce bug reports by 10% • Developed automated data pipeline for verification at scale; reduced manual work by 80% with compliance team • Built analytics and A/B testing framework with user dashboards; drove 6% higher conversion on 150k-user app	<i>Worldwide</i> 04/2024 - 04/2025
Millennium Institute for Foundational Research on Data <i>ML Infrastructure Research</i> Scala · Apache Spark & MLlib · Docker · Python • Built distributed ML pipeline (Spark) processing ~1B records across multimodal datasets; deployed in distributed environments • Developed scalable algorithms with 21% higher precision ; containerized and productionized for reliability at scale • Built data visualization tools and monitoring dashboards for experiment tracking; reduced model evaluation time by 30%	<i>Santiago, Chile</i> 03/2023 - 03/2024
PSINet - R&D <i>Full-Stack Engineer & Team Lead</i> React · Django · PostgreSQL · Docker • Built full-stack data pipeline from devices to web platform; reduced sync time from 10 to 1 minute per patient • Developed ML-powered analysis tools with React dashboards , processing 40K+ records/month with 53% faster review; made complex data accessible to domain experts • Led cross-functional team of 8; collaborated with researchers and designers to ship reliable, production-quality internal tooling	<i>Santiago, Chile</i> 07/2022 - 08/2023
Premialab <i>ML Engineer Intern</i> Python · PyTorch · FastAPI · scikit-learn • Built end-to-end ML pipeline with FastAPI backend processing 50K+ documents ; integrated embeddings for analysis at scale • Developed production ML models (PyTorch); built monitoring dashboards for performance across 10+ indicators	<i>Paris, France</i> 07/2021 - 12/2021
University of Chile <i>Teaching Assistant</i> • Design and Programming Methodologies · Algorithms and Data Structures · Newtonian Physics • Led classes of 100+ students; 95% positive feedback ; strong collaboration and communication with diverse groups	<i>Santiago, Chile</i> 09/2018 - 12/2022

Skills

Programming	Advanced (4+ years): TypeScript, Python · Proficient (1+ years): Scala, Ruby, C++, Elixir
Technologies	Full-stack: React (Native), NestJS, Django, Rails, GraphQL · Backend & scale: PostgreSQL, MongoDB, Apache Spark · Data visualization & tooling: experiment tracking, monitoring; PyTorch, MLlib · DevOps: Docker, Kubernetes, AWS, GCP
Languages	Spanish native, French and English fluency (C1)

Education

University of Chile <i>BS + MEng in Computer Science</i> - GPA: 3.94 / 4.0 - Rank: 10 / 116 - Summa Cum Laude Software Engineering, Databases, Networks, Operating Systems, Discrete Mathematics	<i>Santiago, Chile</i> 03/2017 - 12/2019 + 07/2022 - 12/2023
École CentraleSupélec - Paris Saclay University <i>MSc in General Engineering</i> Computer Science Track Distributed Computing, Machine Learning, Advanced Statistics, Optimization	<i>Paris, France</i> 03/2020 - 06/2021

Honors & Awards

2015–2016	National Olympiads: <i>Math:</i> Silver, Bronze. <i>Math Teams:</i> Gold , Gold. <i>Physics:</i> Silver medal	<i>Santiago, Chile</i>
2016	Academic Excellence: <i>Top 1% nationally</i> in university admission test, highest math score regionally	<i>Vallenar, Chile</i>