

RODRIGO CHAPETA

Senior Software Engineer

Cloud Architecture • Distributed Systems • AI Automation • LLM Applications • Full Stack Development

work@rodrigochapeta.com | +54 351 676 3933 | Remote (EST)

[LinkedIn](#) | [Github](#) | [Personal](#)

PROFESSIONAL SUMMARY

Senior Software Engineer and AI Solutions Architect specializing in cloud-native SaaS platforms, distributed systems, and AI-powered products. Experienced designing and delivering scalable software across fintech, cryptocurrency, enterprise SaaS, and intelligent automation using .NET, Python, React, Kubernetes, AWS, Azure, Google Cloud, and modern LLM ecosystems.

Strong expertise in AI automation, retrieval-augmented generation (RAG), agentic workflows, prompt engineering, workflow orchestration, system architecture, and DevOps. Passionate about applying large language models and machine learning to solve complex business problems while building reliable production systems that scale.

CAREER HIGHLIGHTS

- Production software serving **700,000+ cryptocurrency investors** worldwide.
- Platform supporting **\$70B+** in digital asset transaction processing.
- Enterprise software delivered for **Fortune 500 organizations**, including Google, Microsoft, Amazon, Apple, Adobe, Meta, Disney, American Express, Allianz, Alibaba, eBay, LEGO, and Adidas.
- Cloud-native systems designed and deployed across **AWS, Azure, and Google Cloud Platform**.
- Built highly scalable platforms supporting **200,000+ users**.
- Strong expertise in distributed systems, cloud architecture, AI automation, DevOps, and modern SaaS development.
- Designed AI-powered automation platforms leveraging LLMs, workflow orchestration, and conversational agents.
- Developed intelligent systems integrating OpenAI, Anthropic, and modern AI tooling into production applications.
- Built scalable AI-assisted workflows for customer support, CRM automation, lead qualification, scheduling, document processing, and business operations.
- Applied machine learning, NLP, and predictive analytics to production software and research projects.

WORK EXPERIENCE

Senior Software Engineer — CoinLedger Sep 2021 – Apr 2026

Leading cryptocurrency tax software platform serving 700,000+ investors, processing \$70B+ in cryptocurrency transactions, with integrations across 800+ exchanges, wallets, and blockchains.

- Developed and maintained production software for one of the leading cryptocurrency tax platforms, supporting hundreds of thousands of users worldwide.
- Designed and implemented backend services using ASP.NET Core, contributing to complex cryptocurrency tax calculation and transaction processing workflows.
- Developed customer-facing features in Blazor, translating complex cryptocurrency tax workflows into intuitive user experiences.
- Influenced platform architecture, improving reliability and maintainability across production services.
- Delivered production features in a fully remote engineering organization operating across multiple time zones and regulatory tax seasons.
- Expanded and maintained integrations with more than 800 cryptocurrency exchanges, wallets, and blockchain networks.
- Leveraged AI-assisted development workflows to accelerate engineering productivity while maintaining production-quality software.
- Evaluated opportunities to integrate AI into internal engineering workflows, developer tooling, and customer-facing experiences.
- Collaborated on architecture decisions for scalable services supporting complex financial data processing suitable for future AI-driven capabilities.

Technologies: ASP.NET Core • C# • Blazor • Docker • Kubernetes • GitHub Actions • ArgoCD • Codefresh • PostgreSQL • gRPC • Swagger • OAuth • Git

Principal Software Engineer — Venga Global (acquired by Argos Multilingual in 2021) Sep 2018 – Sep 2021

Global translation and localization services provider for enterprise clients. Delivered enterprise solutions for Fortune 500 organizations including Google, Microsoft, Amazon, Apple, Adobe, Meta, Disney, American Express, Adidas, Allianz, Alibaba, eBay, and LEGO.

- Served as **Principal Engineer, Solution Architect, and Technical Lead** across multiple enterprise software projects, driving architecture, technical direction, and successful delivery.
- Designed scalable, cloud-native architectures using **ASP.NET Core, Angular, Azure, and Google Cloud Platform**.
- Led engineering teams through system design, implementation, code reviews, and technical decision-making while collaborating with project managers and stakeholders.
- Architected and developed enterprise applications, REST APIs, and backend services emphasizing scalability, maintainability, and performance.
- Architected AI-powered automation solutions using Python, NLP, machine learning, and modern LLM technologies to streamline enterprise workflows.
- Designed intelligent document-processing pipelines, semantic search solutions, and conversational AI integrations for enterprise applications.
- Developed AI-assisted workflow automation for business processes using orchestration platforms, APIs, and cloud services.
- Built and maintained CI/CD pipelines and DevOps processes to improve deployment reliability and development efficiency.
- Managed technical coordination with third-party vendors and external development teams, ensuring alignment with project goals and quality standards.
- Delivered enterprise software for global organizations including Google, Microsoft, Amazon, Apple, Disney, Adobe, Meta, American Express, Adidas, and Alibaba.

Technologies: .NET Core • Angular • Python • Bash • Microsoft Azure • Google Cloud • CI/CD

Software Engineer — ControlNet Sep 2017 – Sep 2018

Software consultancy; built EnLaBici, a citywide public bike-sharing system.

- Software consultancy specializing in public transportation solutions. Designed and developed EnLaBici, a citywide bike-rental platform serving 200,000+ registered users.
- Developed the backend with .NET 4.5 (NHibernate, MVC5, REST APIs) and the frontend with AngularJS; shipped iOS and Android apps with Xamarin.
- Created operational dashboards using ETL pipelines, SQL, and data-analysis tooling.

Technologies: .NET • NHibernate • AngularJS • Xamarin • SQL • ETL

Quality Assurance Engineer (Internship to Intel) — IncludIT Sep 2016 – Mar 2017

- Executed manual software testing within Agile development teams.
- Designed test cases and verified software defects.
- Modernized with Rally and TestRail to improve software quality.

PROJECTS

Merge Game

Large-scale mobile merge game inspired by successful top-grossing titles. Focused on scalable game architecture, live-ops systems, progression mechanics, economy balancing, anti-cheat strategies, and long-term content expansion.

BibleLingo

Building an AI-assisted gamified educational platform using adaptive learning, personalized lesson generation, conversational tutoring, gamification, and intelligent content recommendations. Focused on daily learning, gamification systems, progression, community features, and long-term user engagement.

AI Automation CRM

AI-native CRM platform integrating conversational agents, LLMs, workflow automation, appointment scheduling, omnichannel messaging, lead qualification, customer support, review collection, analytics, and business intelligence.

Technologies:

OpenAI • Anthropic • LangChain • Vector Databases • RAG • n8n • Python • .NET • React • PostgreSQL

EDUCATION

MS, Systems Engineering — Instituto Universitario Aeronáutico 2014 – 2020

- Specialized in Artificial Intelligence and Business Intelligence.
- Thesis: AI-driven container orchestration with load balancing and scalability, trained on ETL-processed data. Stack: Go, Python, Angular, MySQL, Docker, Kubernetes.

Systems Analyst — Instituto Universitario Aeronáutico 2014 – 2017

TECHNICAL SKILLS

Backend: C#, ASP.NET Core, REST APIs, PostgreSQL, MySQL, Redis, gRPC, Microservices, Distributed Systems, Entity Framework Core

Frontend: Blazor, Angular, React (with/without Redux)

Cloud & DevOps: Kubernetes, Docker, AWS, Microsoft Azure, Google Cloud, Terraform, GitHub Actions, ArgoCD, Codefresh, Tilt, CI/CD,

AI & Data: Large Language Models (LLMs), OpenAI API, Anthropic Claude, Prompt Engineering, Retrieval-Augmented Generation (RAG), AI Agents, Workflow Automation, Agentic Systems, Model Context Protocol (MCP), Python, TensorFlow, Keras, ML.NET, Natural Language Processing (NLP), Vector Databases, Embeddings, Semantic Search, Document Processing, Time-Series Forecasting, Pandas, NumPy, Flask, Business Intelligence, ETL

General: OpenAPI / Swagger, OAuth / JWT, Git, Design Documents, Run SCRUM efficiently, Distributed Systems, Agile, Architecture Reviews, Technical Leadership, System Design, Distributed Systems Performance Optimization

LANGUAGES

English (C2, fully proficient) • Spanish (native) • Italian (B1)