



Eduardo Rodriguez

Senior Software Engineer

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Senior Software Engineer and Cloud Architect with extensive experience designing and operating cloud-native platforms, secure APIs, and cross-platform mobile applications at scale. Proven track record building and evolving Azure-based architectures using Kubernetes (AKS), Infrastructure as Code (Terraform), CI/CD pipelines, and GitOps workflows. Strong background in platform security, identity systems, and developer tooling. Adept at owning complex systems end-to-end, from architecture and security design to production delivery, across fintech, mobility, and enterprise domains.

Technical Proficiencies

Programming:	.NET C#, SQL, JavaScript/Typescript, GO, Python
Frameworks & Libraries:	Uno Platform, VueJS, ReactJS/NextJS, NodeJS, Android, iOS
Cloud Technologies:	Microsoft Azure, AWS
Containerization Technologies:	Docker, Kubernetes
Project Management Tools:	Azure DevOps, Github

Career Experience

Digital Infrastructure Inc. (DIMO), New York
Senior FullStack Software Engineer

2023 – 2026

Architected, developed, and maintained critical internal and external platform components supporting DIMO's core infrastructure, developer ecosystem, and identity layer. Operated across backend architecture, platform security, developer tooling, and production systems, consistently delivering high-impact solutions under aggressive timelines.

- Led the design and implementation of internal operational tools that significantly reduced incident response and operational workflows from hours or days to minutes, directly improving platform reliability and team efficiency.
- Served as primary maintainer and contributor for the DIMO Explorer platform, responsible for exposing real-time metrics on platform adoption, supported vehicles, and available features, ensuring data accuracy, scalability, and long-term maintainability.
- Designed and implemented the first production-grade VIN decoding integration, enabling vehicle data ingestion and standardization across the platform and laying the groundwork for downstream analytics and feature expansion.
- Architected and delivered the Accounts API, a core identity and security service leveraging passkey-based authentication, on-chain wallet provisioning, and secure access to user-owned digital assets across configurable blockchain networks. Successfully delivered the project ahead of schedule while meeting stringent security and scalability requirements.
- Led the migration and full re-architecture of the DIMO Developer Console to the new Accounts API security model, including a complete UI revamp and the integration of on-chain payments. Enabled developers to purchase DIMO developer tokens for API consumption, then assumed long-term ownership of the platform, introducing new features such as dynamic configuration management to support Login with DIMO workflows.
- Maintained and extended the Login with DIMO platform and SDKs, implementing new authentication capabilities and improving developer ergonomics while ensuring tight integration with the Accounts API and identity infrastructure.
- Created and maintained the official DIMO .NET SDK, enabling enterprise and corporate clients to integrate seamlessly with DIMO services using strongly typed, production-ready libraries.
- Contributed to the DIMO AI initiative by designing and implementing a dynamic deployment mechanism for Letta sub-agents. Built a system capable of reading JSON-based configuration files, generating HTTP integrations, and registering them as runtime tools, successfully delivering a flexible and extensible agent framework.

Leveraged exceptional technical acumen in architecting and developing modern, efficient and secure payment solutions, capable of accelerating a business or opening new markets. Collected and refined user requirements to translate them into software features as a Technical Leader for the Payments tribe. Guided development team to ensure the correct execution of new features for Kushki products. Established and maintained code quality throughout the entire development process.

- Successfully oversaw and architected a strategic core project that enabled international transfers and payments across multiple countries, resulting in a significant achievement for the company. Led the most efficient team across the organization, contributing to the project's overall success.

Designed and implemented enterprise-grade software solutions across cloud and on-prem environments, improving system scalability, security, and operational efficiency. Led development of a cloud-based HR platform that enhanced employee communication and engagement across the organization.

Architected and delivered cloud integration solutions that streamlined internal systems and reduced operational friction. Played a key role in the migration of identity governance from on-premises infrastructure to Microsoft Azure, significantly improving security posture and access management.

Progressed from Senior Software Engineer to Cloud Architect, assuming responsibility for defining cloud architecture standards, guiding technical direction, and enforcing best practices across development teams.

Contributed to the development of CAD-based engineering tools and dashboards used for data-driven decision-making in high-visibility projects.

Created bespoke features for the mobile site of the Juntoz platform, enhancing accessibility and engagement. Identified and understood business requirements and translated into technical solutions. Ensured technical feasibility of UI/UX designs and optimized application for maximum speed and scalability. Architected and developed end-to-end system integration for merchants, streamlining workflow and improving efficiency. Continuously revised and improved implemented features, enhancing overall software performance and user satisfaction.

- Introduced new features for the e-commerce platform Juntoz, while enhancing functionality and delivering top-notch user experience.

Led the design and delivery of custom enterprise applications using clean architecture principles, supporting clients across multiple industries. Directed development teams through full lifecycle projects, including system design, cloud migration, and production deployment.

Defined standards for .NET application development, data management, source control, and release processes, improving development efficiency and software quality. Designed and executed cloud migration strategies that increased scalability, reliability, and cost efficiency for client platforms.

Developed and maintained .NET applications, translating business requirements into reliable software solutions. Collaborated closely with cross-functional teams to deliver features on time while maintaining code quality and system stability. Supported database operations and application troubleshooting in production environments.

Key Projects

Cloud architect for a distributed workforce platform that enables companies to publish micro-tasks—such as in-store product verification, merchandising checks, and inventory replenishment—completed by on-demand workers.

Designed and implemented cloud-native backend architecture on Azure Kubernetes Service (AKS), defining service patterns, security boundaries, scalability strategies, and platform-wide security controls.

Built and standardized CI/CD pipelines using GitHub Actions combined with GitOps workflows via Argo CD, enabling automated deployments, environment parity, and operational transparency.

Served as lead architect and principal developer of the mobile application built with Uno Platform, delivering a cross-platform solution optimized for rapid task execution and field usability.

Provisioned and maintained the full Azure infrastructure using Terraform, enforcing Infrastructure as Code best practices and enabling controlled, scalable growth of the platform.

Atena (2023 - 2025)

Senior Software Engineer

Architect and technical owner of a payroll-linked financial platform enabling employees to request salary advances and loans with automatic repayment via payroll deductions.

Designed and implemented a modern cloud-native architecture for new backend APIs deployed on Azure Kubernetes Service (AKS), defining core architectural patterns, security models, and service boundaries aligned with scalability, resilience, and regulatory requirements.

Engineered end-to-end CI/CD pipelines using Azure DevOps and GitOps practices with Argo CD, enabling automated, secure, and repeatable deployments across environments. Established deployment standards and operational practices to support rapid iteration and production stability.

Led the design of the platform security scheme, including authentication, authorization, and service-to-service communication, ensuring compliance with enterprise-grade security expectations.

Acted as primary maintainer of the legacy mobile application while simultaneously serving as lead architect and principal developer of the next-generation mobile application built with Flutter, modernizing the mobile stack and improving maintainability, performance, and user experience.

Managed all cloud infrastructure on Microsoft Azure using Infrastructure as Code (Terraform), ensuring reproducibility, consistency, and controlled evolution of the platform environment.

Authentic Digital Agency, US (SBUX Client Dashboard - a big data project, data analysis tools azure) (2021)

Senior Software Engineer

Contributed to the design of a cloud solution for a strategic project focused on Starbucks data analysis and user engagement. Collaborated with cross-functional teams to ensure the solution met business requirements and technical specifications. Conducted thorough research on emerging technologies and industry trends to ensure the solution was cutting-edge and competitive in the market. Assisted in the implementation and testing of the solution, ensuring it was delivered on time and within budget. Provided support to the project team, troubleshooting issues and making necessary adjustments to the solution.

MDP Consulting S.A.C, Lima, Peru (NIUBIZ - Cloud Migration) (2021)

Cloud and Applications Architect

Designed and developed new solutions and enhanced existing ones. Played a key role in the company's transition to a true cloud culture by providing expertise and guidance. Collaborated with cross-functional teams to develop and implement innovative solutions that improved business processes and enhanced the customer experience. Conducted extensive research on emerging technologies and industry trends to stay ahead of the curve and ensure the company remained competitive in the market.

Kontigo, Lima (2020) (Project aimed at development of wallet and card solutions, focusing on improved security)

Senior Mobile Developer

Led development of a secure cross-platform mobile banking application using Xamarin Forms for Android and iOS. Participated in architectural design to ensure secure device-to-backend communication and improved user experience through UI modernization and optimized delivery pipelines.

Hawa Frontino, Switzerland (2020) (Furniture modeler, aimed at automating and reducing the process from aprox 20 days to a couple of minutes; acquired data from CAD models visualized different variations)

Senior .NET Developer

Designed and implemented a clean, maintainable architecture for a CAD-based automation platform, reducing manual processing time from weeks to minutes. Collaborated with stakeholders to refine requirements and ensure scalable, production-ready delivery.

Taxi365, Lima (2019 - 2020) (The project aimed at automating a manual process, so taxi drivers can get drives and register the payment, that payment was stored on a DB (SQL Server) and afterwards used on accounting)

Senior Mobile Developer

Developed a cross-platform mobile application enabling automated ride dispatch and payment registration. Integrated Bluetooth printing for receipts and leveraged application telemetry to improve reliability, performance, and operational visibility.

Roostt, Ann Arbor (a CRM initiative for real state vendors) (2019)

Senior Mobile Developer

Built a cross-platform mobile application using Xamarin for iOS, delivering custom UI components and establishing a CI/CD pipeline to support continuous delivery and application stability.

Mercania (a platform to help digitize all small grocery shop businesses), Lima (2018 - 2019)

Senior Mobile Developer

Led development of a cross-platform Android application to support digitization of small retail businesses. Collaborated with designers to optimize user experience and implemented automated delivery pipelines for store distribution.

Education

BS in Computing and Systems Engineering | Universidad San Martin de Porres, Lima, 2016

Mgtr in Cybersecurity | Instituto Europeo de Posgrado, España, 2025

Career Note

Certification Track Instructor, For Mobile, New Horizons, Lima

Professional Certifications

Project Management Professional (PMP) ® (2017 – Present)

Professional Scrum Master I (2017 – Present)

Internal Auditor ISO27001:2022 (2025)

Microsoft Certified Developer (2015 – 2021)

Courses & Trainings

HashiCorp Certified: Terraform Associate, Pluralsight (2024)

Certification of Capability in Business Analysis (2023)

Agile Certified Practitioner, PMI (2023)

TOGAF® Enterprise Architecture, Pluralsight (2019)