

## Eduardo Mioto

Itapema / Santa Catarina - Brazil | [mioto@mioto.com.br](mailto:mioto@mioto.com.br) | +55 (21) 98390-8086  
GitHub: [eduardomioto](https://github.com/eduardomioto) | Site: [eduardomioto.com](https://eduardomioto.com) | LinkedIn: [/eduardomioto](https://www.linkedin.com/in/eduardomioto)

### QUALIFICATIONS

+15 years working with software architecture, software engineering, and applied research, as well as 5+ years as a Leader of Leaders.  
Main Competencies: team leadership, people management, solutions architecture, software architecture, performance, cloud computing, distributed computing, security, and agile.

### EDUCATION

MSc. in Computer Engineering and Systems, UFRJ, Rio de Janeiro/Brazil	Apr/2020	Grade: 9.6/10
MBA in Software Engineering, UFRJ, Rio de Janeiro/Brazil	Apr/2016	Grade: 9.2/10
Technologist Degree in IT Management, UNISUL, Santa Catarina/Brazil	Dec/2014	Grade: 8.8/10
WES Verified International Academic Qualifications		

### Certifications

- |   |                               |
|---|-------------------------------|
| → AWS Solutions Architect - Associate         | → ITIL Foundation             |
| → Professional Scrum Product Owner I (PSPO I) | → ITSM based on ISO/IEC 20000 |
| → Professional Scrum Master I (PSM I)         | → COBIT 5 Foundation          |

### WORK EXPERIENCE

#### R&D Director - Cyncl (Dec.2023/Present)

*(Remote) Caxias do Sul - RS (Brazil)*

I lead a team of 10+ engineers across Brazil and Canada, while indirectly managing a team of 15+ in India. I was responsible for the successful delivery of Spaces Flex product, overseeing customer deployments, and managing key stakeholder relationships, including Product Managers, Project Managers, and Product Owners. • I ensured the timely delivery of features, defect fixes, and deployments with a focus on high quality. Collaborating with Scrum Masters and Engineering Leads, I drove process improvements, implemented reporting mechanisms, and led daily calls to track progress. I reported directly to the VP of Engineering and prepared weekly status reports for Executives, including the CTO and CPO. • Additionally, I managed the overall scope for customer deployments while maintaining leadership consistency across the team. • Led a global team across Brazil, Canada, and India, ensuring cohesive delivery efforts. • Delivered IS7 and managed customer deployment programs. • Collaborated with Product Managers, Project Managers, and Product Owners to ensure seamless - communication and integration. • Drove process improvements and implemented effective reporting systems. • Provided weekly status updates to the Executive team, including the CTO and CPO. • Provided leadership and oversight while maintaining consistency in team structures.

#### Engineering Director- BeatStars (Jul.2022/Dec.2023)

*(Remote) Austin - TX (USA)*

Leader of leaders, managing a team composed of 18 people (6 in Portugal, 1 in Canada, and 11 in the Americas), being 8 direct reports and 10 indirect reports. On the given headcount, 4 were leaders and 14 were individual contributors, divided into Mobile, Frontend, QA and Backend. • Responsible for setting and achieving the team's goals, executing 1:1, hiring, and termination decisions. Being transparent with the team about challenges, failures, and successes. • Providing thought leadership, technical direction, and mentoring for developers. • Determining project requirements and developing work schedules for the team. • Ensure best practices are followed and own the continuous improvement of yourself and the codebase. Identifying risks and forming contingency plans as soon as possible. Analyzing existing operations and scheduling training sessions and meetings to discuss improvements. • Technical Detailing: Java 15, Gradle, Jacoco, Spring Boot, Sonar, Angular, AWS, DynamoDB, Aurora, OpenSearch, Git, Datadog, Docker, Docker-Compose, HTTPs w/ REST, HTTPs w/ GraphQL, AMQP • Compliance: GDPR, LGPD, CPRA/CDPA.

#### Lead Software Architect - Philips (Apr.2021/July.2022)

*(Remote) Blumenau - SC (Brazil)*

Deployment of the biggest Brazilian EMR around the world, Philips EMR Tasy electronic medical record, won 'Best in KLAS' awards EMR - KLAS Award. • Leader of leaders, leading 4 teams (Security, Interoperability, Broker, and EMR), composed of 15 members in total, 10 located in Brazil and 5 in India. • Participate in the creation of architectures consistent with project roadmaps, platform strategies, governance policy, and standards. Defines and develops the software architecture and the design of applications. • Proposing, validating, and/or documenting Architectural Decisions based on functional and non-functional requirements according to the established architectural and design guidelines; Following industry-standard applications development techniques, patterns, and practices. • Advise projects on technology and architecture trends they need for their decision-making and external engagements. Considers technical boundary conditions (e.g. non-functional requirements) as well as economic aspects. • Guiding and supporting the development teams in a global multi-location environment, mostly located in Brazil, USA, and India. • Industry: HL7 v2, FHIR, CDA • Compliance: EU MDR, GDPR, LGPD, and ISO-13485.

#### Senior Software Architect - Philips (Apr.2019/Apr.2021)

*(Remote) Blumenau - SC (Brazil)*

As a Senior Software Architect, I was responsible for leading architecture design and development activities in a global multi-location environment, with a focus on delivering high-quality solutions to customers across various domains. Providing guidance and support to development teams located in Brazil, USA, and India. • Collaborating with partners to identify key challenges and scope the project. Delivering a reference architecture and creating well-defined building blocks and system options that align with business needs and technology trends. • Establishing architecture lifecycle management and teaming up for impact. Taking into account the broader context of the business, organization, roadmaps, and external ecosystem while working toward convergence. • Collaborating with pre and post-sales teams to deliver the best solution and guidance to customers located in Brazil, Mexico, Chile, Germany, and Australia. • Facilitating and coordinating PI Plannings as an RTE in SAFe • Covering a wide range of technology areas such as AWS, Cloud Foundry, Java, React, MongoDB, and more. In addition, my expertise includes Software Architecture, Agile, AWS, Cloud Foundry, Java, Performance, Profiling, Linux, and other relevant areas that align with modern development practices. I am proficient in using tools such as Azure DevOps, Git, Swagger, RabbitMQ, and Docker, among others. • Industry: HL7 v2, FHIR, CDA • Compliance: EU MDR, GDPR, LGPD, and ISO-13485.

## **Head of Physical Payments - Zoop Payments (Aug.2018/Mar.2019)**

**(Hybrid) Rio de Janeiro - RJ (Brazil)**

Major Accomplishments: From 0 to millions of earnings per month with Physical Payments, Homologation of 5+ devices on all supported acquires, Introduction of a new acquirer on the flight, with zero downtime, and recognition as Top 10 Collaborators (Seleção Magenta). • Leader of leaders, managing 3 teams (POS, Mobile, and EMV), with 10 headcounts in total, being 3 leaders and 7 individual contributors, responsible for executing 1:1, Managing the team's performance, individual performance, and career plan, Guide, coach, and mentor software development engineers. • Provide project management and technical leadership for every aspect of the software, also Prepare lifecycle for different projects inclusive of research, development, design, evaluation, and testing along with delivery to product management, Supervise architecture, and lead efforts to develop a technical roadmap for all projects. • Establish and stimulate software development standards and processes along with best practices for the delivery of scalable and high-quality software. • Develop relations with existing and prospective internal customers to interpret all individual requirements, learn and display how products would add value to the respective business, and ensure top-quality design reviews to attain business goals. • Align the strategy with CTO and other Engineering Heads, Manage the technical products roadmap, and Involved in strategic plans to accomplish technical as well as business with the leadership chain, team, and customers. • Industry: EMV Kernel, ISO-8583. • Compliance: PCI-DSS.

## **Lead Software Architect - Zoop Payments (Sep.2017/Aug.2018)**

**(Hybrid) Rio de Janeiro - RJ (Brazil)**

Leader of Leaders • Deliver the fastest and most reliable payment transactions ever made., Managing 9 headcounts (5 Architects and 4 Infrastructure Analysts), Responsible to execute 1:1, and managing the team's performance, individual performance, and career plan. • Definition of processes, architecture governance, and systems mapping, Definition of principles and standards for solutions, Definition and planning of target architecture and roadmap in alignment with business strategy. • Ensure solutions performance, scalability, reuse, availability, and security, A clear view of the map of applications and their potential gaps. • Build a long-term vision in alignment with business strategy; Provide strategic technology and innovation strategy. Releases Launch cycle management, Manage technical interdependence between programs; Start, maintain, and disseminate architecture maps. • Java 1.8, Spring Boot, Undertow, AWS, SNS, SQS, API Gateway, Route 53, Load Balancers (NLB, ELB, ALB), S3, Lambda, MongoDB (EC2), MySQL (RDS), WAF, HTTPs, HTTPs w/ Protocol-Buffers, TCP w/ ISO-8583, WSS. • Industry: EMV Kernel, ISO-8583. • Compliance: PCI-DSS.

## **Software Engineer - General Electric (May.2015/March.2017)**

**(On-Site) Rio de Janeiro - RJ (Brazil)**

## **Senior System Analyst - Accenture (Aug.2012/May.2015)**

**(On-Site) Rio de Janeiro - RJ (Brazil)**

## **Honors and Awards**

*GE - Above & Beyond (2016):* "Eduardo demonstrated many examples of collaboration in the best spirit of swarming by being available to help other colleagues in different areas of expertise. For this reason, he was "nominated by the team" for being the team member with the most "bouquet" recognition during the 2016 retrospectives, with a total of 25 mentions. He was also a reference for the team regarding domain knowledge in the healthcare field." - Eduard Bloom (Value Stream Manager)

*Zoop - Magenta Mobile Selection (2018):* "Top Contributor selected by the Zoop investor, highlighting the most impactful deliveries and project conduction on 2018"

*Philips Recognition (2021):* "Mioto, thank you very much for your commitment and results regarding the architectural improvement journey! We've already improved a lot and together, we can continuously improve our solutions! Well done" Issued by Manager (Direct)

*Philips Recognition (2021):* "Mioto deserves recognition for his dedication to helping address critical issues. He and his team worked difficult hours in order to get the solution to deploy to Philips customers. Mioto's deep technical knowledge was invaluable during this difficult time. Mioto embodies the Philips attribute of "Take ownership to deliver fast." Philips is lucky to have Mioto working with us!" Issued by Manager (different area)

*BeatStars Internal Recognitions (2022/2023):* "Total of 12 internal recognitions, including three from the CEO, one from the VP of Engineering, two from the Head of HR, one from the Support Director, and four from direct or indirect reports."

## **Events as Speaker**

- |  |                              |
|--|------------------------------|
| • 23rd Iberoamerican Conference on Software Engineering (400+ people online)         | Curitiba/BR - Nov/2020       |
| • I International Conference on Information Systems and Software Tech. (300+ people) | Quito/EC- Nov/2019           |
| • Zoop Payments case on AWSome Day (2000+ people in person)                          | Rio de Janeiro/BR - Set/2018 |
| • Zoop Webinar - Aug/2018 (100+ people online)                                       | Rio de Janeiro/BR - Aug/2018 |

## **Publications**

- A Survey on Microservices Criticality Attributes on Established Architectures [Best Paper Award]
- Multicriteria Criticality Suggestion for Established Microservices Oriented Architectures
- Introductory Process Proposal for Microservices Communication Technologies Selection
- Corporate Architecture with TOGAF for Strategic Improvement Based on the Introduction of Operational Knowledge Management
- The impact of Service Discovery on Distributed Fault Tolerant Architecture

More information about Publications, Testimonials, Courses, and Skills can be found at <http://eduardomioto.com/>