

Ryan Padilha

Solutions Architect | Software Specialist | Digital Transformation
Amazon Web Services (AWS) | Cloud Computing

Linkedin: <https://www.linkedin.com/in/ryanpadilha>

Address: Florianópolis, Santa Catarina, Brazil

Phone: [+55 19 98100-9370](tel:+5519981009370)

E-mail: ryan.padilha@gmail.com

About

As an accomplished professional with over 16 years of experience in the software industry, I have a proven track record of achieving significant results and a deep understanding of digital transformation strategy through leading people, innovation, product management, modern technology, and cloud computing. Experienced in pairing with executives and senior leadership to build and drill down technical roadmaps, converting long-term plans to actual software deliverables.

My core competencies include research and development, complex problem-solving, building and leading high-performing teams, operational excellence, and impactful design solutions that drive business growth. I am passionate about using technology as a force for good and empowering others to achieve their full potential.

How can I contribute?

- Strategic technology advisor, connecting business and technical skills.
- Modernization and restructuring applications using AWS and associated services.
- Architectural best practices in cloud-native applications and microservices.
- Hands-on coding in Java, Scala, Python, Typescript, and Dart.
- Experience using Spring Framework, FastAPI, ReactJS, Flutter.
- Teaching, mentoring, guiding, and developing professionals to drive rapid growth.
- Enterprise message integration using Kafka, RabbitMQ, AWS SQS, and EventBridge.

Top skills

Solution Architecture, Team Leadership, Digital Transformation, Cloud Computing

Education

FGV/EBAPE - Fundação Getúlio Vargas

Master of Science - MSc, Business Administration and Management, General
Fev 2025 - Dez 2026

Goal: Develop competencies and skills to propose innovative and disruptive technological solutions, fully aligned with corporate strategies focused on digital transformation.

- Disciplines about business strategies, general corporate management and economy.
- Digital transformation using AI around business innovation strategies.

FGV - Fundação Getúlio Vargas

Executive MBA, Strategic People Management
Oct 2022 - Oct 2024

Goal: Expansion of skills in business and people management.

- Disciplines about business and finances.
- Development of human and behavioral skills.

XP Educação

Master of Business Administration - MBA, Software Architecture and Solutions with AI
May 2024 - May 2025

Goal: Design solution architecture and software engineering over cloud services.

- Disciplines around software architecture, solution architecture, and Artificial intelligence.
- Development of evolutionary architecture using AI technology.

Universidade Federal de Minas Gerais

University Extension Course, Modern Software Engineering
Aug 2024 - Nov 2024

Goal: Improve the principles of high-quality software engineering and architecture.

Wyden

Master of Business Administration - MBA, Software Engineering in SOA
Aug 2015 - Sep 2016

Goal: Resilient design of service-oriented architecture (SOA).

FEF - Fundação Educacional de Fernandópolis

Bachelor of Science - BS, Information Technology
2004 - 2008

Goal: Gather knowledge about software integration architecture.

Professional Experience

Member

Python Software Foundation · Mar 2018 - Present

The Python Software Foundation (PSF) is a 501(c)(3) non-profit corporation that holds the intellectual property rights behind the Python programming language. We manage the open-source licensing for Python version 2.1 and later and own and protect the trademarks associated with Python.

Skills: Teamwork · Community Engagement · Open-Source Software

Solutions Architect

Named Innovation · Mar 2016 - Present

Responsible for understanding the business definitions and designing the solutions with all requirements, develop the proof-of-concept as needed, definition of technology stack that most suitable the solution to meet the corporate business strategy.

Customer consulting supporting: NTConsult outsourcing (Aug 2024 - Present).

Skills: Team Leadership · Solution Architecture · Cloud Computing · Business Development · Problem Solving · Agile Methodologies · Digital Transformation · Product Development

Solutions Architect @ RapidPlay Games

Design high availability solutions in AWS cloud computing provider, applying software architecture best practices, and building resilient and robust APIs. Applying design patterns with the development team, modernizing applications for execution in a cloud-native environment. Low-level network provisioning, container orchestration, and serverless processing workflow.

Technologies: Python, Fast API, Typescript, ReactJS, Microservices, RESTful WebServices, WebSocket, Redis, Docker, GitHub Actions, Grafana, Linux Shell Script, PostgreSQL.

Amazon Web Services (AWS): API Gateway, Lambda, EC2, STS, ECR, ECS/Fargate, RDS, S3, CloudWatch, X-Ray, ElastiCache, Secrets Manager, CloudFront, Route 53, VPC Networking, ALB, Cognito Identity, CloudFormation, SAM Application Model, KMS, EventBridge.

Solutions Architect @ Softvision

Achievements:

- Projects on great architecture and engineering practices with delivery guarantees aligned with business needs. Increased customer satisfaction to an average NPS of 90%.

Tech activities:

- Software architecture and design microservices.
- Infrastructure configuration on cloud computing using Amazon Web Services (AWS).
- Analysis and management of business requirements (functional and non-functional).
- International software development - Luanda, Angola.

Manager activities:

- Leading people on 4 software development teams and agile methodologies improvement.
- Conducting technical interviews (mapping hard/soft skills).
- Career development and mentoring with 1:1 meetings.
- Roadmap product backlog (go-to-market and market-fit).
- Pre-sales meeting with potential clients (product and software development).

Technologies: Java, Spring Framework, JUnit, Python, Typescript, Flutter, Microservices, RESTful WebServices, WebSocket, Docker, Kubernetes, Redis, ElasticSearch, Kibana, Prometheus, Grafana, RabbitMQ, Apache Kafka, Amazon Web Services (AWS).

Senior Platform Engineer

Zup Innovation · Jul 2023 - Apr 2024

I am working with the Platform Engineering discipline within the Cloud Community. This community is responsible for enabling and productizing Cloud Native technologies within the Itaú Bank.

Member of the team responsible for the data streaming platform within the Itaú Bank, responsible for Build & Run and other Cloud Native Messaging products. Administration and evolution of highly critical Kafka clusters (Mission Critical), with 5 billion messages per day and responding to peaks of 88 thousand requests per second (RPS).

Technologies: Java, Spring Framework, JUnit, Scala, Python, SonarQube, Docker, GitHub Actions, Terraform, Kubernetes, Redis, Hashicorp Vault, Kibana, Prometheus, Grafana, Apache Kafka.

Amazon Web Services (AWS): API Gateway, Lambda, EC2, STS, ECR, ECS/Fargate, CloudWatch, X-Ray, ElastiCache, DynamoDB, VPC Networking, ALB, CloudFormation, SAM Application Model, KMS, SQS, SNS, EventBridge, Secrets Manager.

Skills: Digital Transformation · Cloud Computing · Research and Development (R&D) · Problem Solving · Microservices · Spring Framework · DevOps · Product Development

Senior Software Engineer

Lojas Riachuelo · Aug 2020 - Aug 2022

Unified Order Engine Team - Omnichannel

Achievements:

- Development of an e-commerce marketplace from scratch. Delivery of a strategic product for the company in the national fashion market. As a result, there was a significant increase in sales, reaching 1.5 MM per day.

Activities:

- Developing a unified centralized ordering engine for all e-commerce transactions.
- Pattern data integration with core systems in the Riachuelo ecosystem's supply chain.
- Microservices architecture with decoupled applications.

Technologies: Java, Spring Framework, JUnit, SonarQube, Docker, Azure Pipelines, Rancher, Kubernetes, Redis, MongoDB, PostgreSQL, Elasticsearch, Dynatrace, Kibana, Prometheus, Grafana, Apache Kafka, Apache NiFi, Amazon Web Services (AWS).

Skills: Digital Transformation · Cloud Computing · Problem Solving · Spring Framework · DevOps · Microservices · Agile Methodologies · Product Development · Software Architecture

Technical Lead

Peixe Urbano · Aug 2019 - Aug 2020

Cart Conversion Squad - Checkout

Achievements:

- Mobile-first redesign (Google AMP) of the entire back-end for front-end (BFF) of the Peixe Urbano website displaying and selling deals, increasing page delivery to end-users and SEO engines. Optimization of the shopping cart for a lower-friction checkout, increasing sales conversion.

Activities:

- Leading people on software development and agile methodologies improvement.
- People management with career mentoring and development of technical and behavioral skills.
- Prioritization and aligning activities with product, mobile, and business teams.

Technologies: Java, Spring Framework, JUnit, Scala, Jenkins, SonarQube, Docker, Redis, MongoDB, Elasticsearch, Amazon Web Services (AWS).

Skills: Team Leadership · Solution Architecture · Business Development · Cloud Computing · Problem Solving · DevOps · Microservices · Agile Methodologies · Product Development · Scala

Senior Software Engineer

Peixe Urbano · Jul 2018 - Aug 2019

Peixe Urbano and Groupon LATAM are the largest Brazilian and Latin American local e-commerce companies with over 30 million users.

- Responsible for recreating the offers publishing tool, built on Scala/Lift using a clustered MongoDB set and an extensible REST API, allowing integration with several private and public products.

Skills: Cloud Computing · Problem Solving · Microservices · DevOps · Agile Methodologies · Scala

Software Architect

WPLEX Software · Feb 2017 - Jul 2018

Achievements:

- Resilience and reliability improvement of data stream application through decoupled parts, modernizing monolithic to microservices architecture.

Activities:

- Research on distributed systems, and cloud computing patterns using Amazon Web Services.
- Redesign some current applications, from monolithic to modern architecture through microservices.

Technologies: Java, Spring Framework, JUnit, Python, Jenkins, SonarQube, Terraform, Docker, RabbitMQ, PostgreSQL, Amazon Web Services (AWS).

Skills: Team Leadership · Solution Architecture · Cloud Computing · Digital Transformation · Problem Solving · Spring Framework · Microservices

Technical Lead

UOLDIVEO · Feb 2016 - Jul 2016

Achievements:

- Improvement in 100% handling tickets opened by data center customers through data integration.

Activities:

- Application management resources - UOL DataCenter - São Paulo.
- Customers supported: UOLDIVEO Customer Portal.

Technologies: Java, Spring Framework, JUnit, Jenkins, SonarQube, MongoDB, Redis, PostgreSQL.

Skills: Team Leadership · Solution Architecture · Cloud Computing · Business Development · Problem Solving · Digital Transformation · DevOps · Spring Framework · Microservices

Software Architect

CI&T · Aug 2013 - Jul 2015

Achievements:

- Development of the smart canvas as a digital product, gaining prominence in the national and international market, and recognition as a strategic partner for Google. Mapping of on-premises infrastructure migration to partner data centers such as Dell Technologies, achieving immediate operational and economic efficiency through new network topology and application design.

Activities:

- Leading people on software development and agile methodologies improvement.
- Roadmap technical product backlog and pre-sales accounts.
- Application deployment on production delivering projects with high quality.

Customers supported:

- Motorola Inc (USA - International Project)
- Brasil Kirin (Brazil/Japan)
- Libra Terminais (Santos and Rio de Janeiro shipping port)

Technologies: Java, Spring Framework, JUnit, Python, Google Cloud, Jenkins, SonarQube, Oracle.

Skills: Team Leadership · Solution Architecture · Cloud Computing · Business Development · Problem Solving · Agile Methodologies · Digital Transformation · Product Development

Software Engineer

CI&T · Aug 2012 - Jul 2013

As a digital native, we bring a 28-year track record of accelerating business impact through complete and scalable digital solutions. With a global presence of professionals in strategy, research, data science, design, and engineering, we unlock top-line growth, improve customer experience and drive operational efficiency.

Skills: Cloud Computing · DevOps · Spring Framework · Agile Methodologies · Microservices

Technical Lead

Campofert Soluções Agro · Sep 2011 - Aug 2012

Achievements:

- Automation of enterprise process by software (data integration design), reducing manual work or data retyping by 80% through integrations between the company's internal software (economic efficiency). Development of real-time dashboards for data analysis by the business directors.

Activities:

- Leading people on software development and improvement of the workflow process.
- Definition of integration architecture pattern between TMS application and financial ERP.
- Survey of business requirements around the company's internal business areas.

Technologies: Webservices SOAP XML, Delphi, PL/pgSQL, PostgreSQL.

Skills: Team Leadership · Agile Methodologies · Enterprise Architecture · Solution Architecture · Product Development · Product Management · PostgreSQL

Instructor

Prometric · May 2011 - Aug 2012

Homologate Instructor at Prometric Test Center.

I am teaching for certification exams about Microsoft and Oracle Technology.

Courses:

- OCJA Certification - Java Fundamentals
- Oracle Database 11g: PL/SQL Programming
- Google Android: Mobile Application Development
- Microsoft C# Fundamentals
- Microsoft C# ASP.NET: Web Development

Skills: Enterprise Architecture · Software Development · Community Engagement

Professor

Centro Universitário da Fundação Educacional de Barretos · Feb 2012 - Jul 2012

Apply the best pedagogical practices by integrating theoretical knowledge and practical exercises into your teaching approach.

Discipline at the undergraduate level:

- Programming Language I (OOP Java)
- Programming Language II (Java EE)
- Mobile Development (Google Android)

Skills: Distributed Systems · Software Development · Product Development

Technical Writer

Revista Active Delphi · Dec 2010 - Dec 2011

Production of technical articles (Portuguese language) for a magazine specialized in Delphi.

Skills: Software Development · Community Engagement · Enterprise Architecture

Professor

Universidade do Estado de Minas Gerais · Apr 2011 - Oct 2011

Apply the best pedagogical practices by integrating theoretical knowledge and practical exercises into your teaching approach.

Discipline at the undergraduate level:

- Distributed Systems
- Programming Language I (OOP Java)
- Mobile Development (J2ME)
- Human-Machine Interface

Skills: Distributed Systems · Software Development · Product Development

Software Engineer

OraSystems Consultoria e Tecnologia · Jul 2008 - Mar 2011

Achievements:

- Pioneering Electronic Invoice project in Brazil, with growth in recurring revenue (MRR) - reaching a customer base of 200 national companies and strengthening several business partnerships.

Activities:

- Desktop application and component-based development for ERP Application.
- NFe Government Application from scratch (innovation approach).
- Mobile POS Sales Application (windows mobile).

Technologies: Webservices SOAP XML, Delphi, C# .NET, Oracle Database.

Licenses & Certification

AWS Certified Developer – Associate

Issued Aug 2024 - Expires Aug 2027

<https://www.credly.com/badges/e0332989-b715-4fab-b5d4-5836f0108a55>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

Docker Essentials: A Developer Introduction

Issued May 2024

<https://www.credly.com/badges/d3ee4239-6b94-45de-ba9c-09f8ac74b6ce>

Skills: Cloud Computing · Solution Architecture

AWS Certified Solutions Architect – Associate

Issued Apr 2024 - Expires Apr 2027

<https://www.credly.com/badges/093c6524-0332-4e08-a738-78787d5cdb95>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

AWS Partner: Accreditation – Technical

Issued Oct 2023

<https://www.credly.com/badges/ff3dc7e1-a04c-4397-9fc6-fdb9b65900ac>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

AWS Partner: Cloud Economics Accreditation

Issued Oct 2023

<https://www.credly.com/badges/29c88bb3-a3fa-4f3c-90d9-fb65e6646799>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

AWS Partner: Sales Accreditation – Business

Issued Oct 2023

<https://www.credly.com/badges/a3045902-4866-4ab7-a06a-2206d501227e>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

AWS Well-Architected Proficient

Issued Oct 2023

<https://www.credly.com/badges/156636b3-3259-4970-a413-b1e71f7c22ca>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

Product Marketing

Issued Oct 2023

<https://www.credential.net/ba9223ad-be36-4a1b-8480-7345da5267f0>

Skills: Product Management · Product Marketing

AWS Certified Cloud Practitioner

Issued Sep 2023 - Expires Sep 2026

<https://www.credly.com/badges/9370d160-f4f7-45cc-9783-db0ceab716c6>

Skills: Amazon Web Services (AWS) · Cloud Computing · Solution Architecture

Métricas de Negócios Digitais @ PM3 Sprints

PM3 | Escola de Negócios e Produtos Digitais

Issued Sep 2023

<https://d1p3swehz0pkz2.cloudfront.net/certifications/PM3-MND-certificate-ryanpadilha.pdf>

Skills: Product Management · Digital Strategy

Product Management

PM3 | Escola de Negócios e Produtos Digitais

Issued Sep 2023

<https://www.credential.net/7ea9df6d-a949-48f1-bce1-8fa9ded47cbc>

Skills: Product Management · Business Development

IBM DB2 9 Database and Application Fundamentals

Issued Apr 2011

Credential ID PR1549592

<https://d1p3swehz0pkz2.cloudfront.net/certifications/IBM-DB2-9-database-application-fundamentals-ryanpadilha.pdf>

Skills: Product Development · Databases

Oracle Database 11g: SQL Fundamentals I

Issued Apr 2011

Credential ID 240885642

<https://d1p3swehz0pkz2.cloudfront.net/certifications/1Z0-051-oracle-database-ryanpadilha.pdf>

Skills: Product Development · Oracle Database

Languages

English

Full professional proficiency

Portuguese

Native or bilingual proficiency

Spanish

Limited working proficiency