Ryan Padilha

Senior Software Engineer | Solutions Architect | Java Developer
Microservices | Spring Framework | Amazon Web Services (AWS)

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About

As an accomplished software engineer with over fifteen years of experience, I'm highly motivated with ownership sense, a hands-on professional, and a results-oriented leader who thrives on challenges. I possess a strong track record of achieving significant results and have a deep understanding of digital transformation using Java, Spring Boot, Event Streaming, and Amazon Web Services.

Worked hands-on with product and tech teams being part of activities such as:

• Coding in Java, Scala, Python, Javascript, and Flutter.
• Solution design in AWS cloud computing provider.
• Experience in modern architecture and microservices.
• Leading cross-functional teams driving growth at a fast pace.
• Message integration using Apache Kafka, RabbitMQ, AWS SQS, and EventBridge.

I have an unwavering passion for research and development, problem-solving, and helping people. My background is steeped in high-performance teams, and I am motivated to beat and surpass the goals from each quarter. I continuously seek opportunities for professional growth and am committed to staying updated with the latest industry trends and developments.

Top skills

Java, Python, Scala, Microservices, Cloud Computing, Event Streaming, Team Leadership

Professional Experience

Senior Platform Engineer
Zup Innovation
Jul 2023 - Present
São Paulo, Brazil · Remote

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 17, Spring Framework, Spring Boot, Scala, RESTful WebServices
• AWS Cloud - STS, ECR, ECS, SQS, EventBridge, DynamoDB, CloudWatch, X-Ray, ElastiCache, Secrets Manager
• Apache Kafka, Redis, Docker, GitHub Actions, Terraform, Hashicorp Vault, Prometheus, Grafana

Skills: Amazon Web Services (AWS) · Apache Kafka · Docker · Microservices · Digital Transformation · Product Development · Java · Agile Methodologies · Cloud Computing · DevOps · Research and Development (R&D) · Scala · Spring Framework · Spring Boot · REST APIs

Member
Python Software Foundation
Mar 2018 - Present
Florianópolis, Santa Catarina, Brazil · Remote

Profile - https://associados.python.org.br/members/list/?q=ryan+padilha

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.

We also run the North American PyCon conference annually, support other Python conferences worldwide, and fund Python-related development with our grants program and by funding special projects.

Skills: Community Engagement · Teamwork · Open-Source Software · Flask · Python

Solutions Architect

Softvision
Aug 2022 - Jul 2023 - 1 yr
Campinas, São Paulo, Brazil · Remote

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 +35 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 14, Spring Framework, Spring Boot, Flutter, RESTful WebServices, WebSocket
• AWS Cloud - EC2, S3, Route53, RDS, ECS, SQS
• ElasticSearch, Redis, RabbitMQ, Apache Kafka, Jenkins

Skills: Team Leadership · DevOps · Microservices · Python · RabbitMQ · Agile Methodologies · Flutter · Amazon Web Services (AWS) · Solution Architecture · Docker · Product Development · Java · Cloud Computing · Spring Framework · Spring Boot · REST APIs

Senior Software Engineer

Lojas Riachuelo
Aug 2020 - Aug 2022 - 2 yrs 1 mo
São Paulo, Brazil · Remote

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 14, Spring Framework, Spring Boot, Apache NiFi, Apache Kafka, RESTful WebServices
• Jenkins, SonarQube, Rancher, Azure Pipeline
• ElasticSearch, Dynatrace, Kibana, Prometheus, Grafana

Skills: Apache Kafka · DevOps · Microservices · Agile Methodologies · Amazon Web Services (AWS) · Sonarqube · Dynatrace · Elasticsearch · Docker · Product Development · Java · MongoDB · Cloud Computing · Spring Framework · Rancher Kubernetes Management · Apache NiFi · Spring Boot · REST APIs

Technical Lead
Peixe Urbano
Aug 2019 - Aug 2020 - 1 yrs 1 mo
Florianópolis, Santa Catarina, Brazil · On-site

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 +5 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:
• Scala (Functional Language), SBT, Lift, Java, RESTful WebServices
• MongoDB, Redis, ElasticSearch, MS SQL Server

Skills: Redis · Team Leadership · DevOps · Microservices · RabbitMQ · Agile Methodologies · Amazon Web Services (AWS) · Solution Architecture · Elasticsearch · Business Development · Product Development · Scala · MongoDB · Cloud Computing · REST APIs

Senior Software Engineer
Peixe Urbano
Jul 2018 - Aug 2019 - 1 yr 2 mos
Florianópolis, Santa Catarina, Brazil · On-site

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: Redis · DevOps · Microservices · RabbitMQ · Agile Methodologies · Amazon Web Services (AWS) · Elasticsearch · Scala · MongoDB · Cloud Computing · REST APIs

Software Architect
WPLEX Software
Feb 2017 - Jul 2018 - 1 yr 6 mos
Florianópolis, Santa Catarina, Brazil · On-site

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 (AWS).
• Redesign some current applications, from monolithic to modern architecture through microservices.

Technologies:
• Java 8, Spring Framework, Spring Boot, Python, RESTful WebServices
• Terraform, Docker Containers, RabbitMQ
• Jenkins (CI/CD), SonarQube

Skills: Team Leadership · Microservices · Python · RabbitMQ · Amazon Web Services (AWS) · Solution Architecture · Docker · Java · Cloud Computing · Spring Framework · Spring Boot · REST APIs

Technical Lead
UOLDIVEO
Feb 2016 - Jul 2016 - 6 mos
São Paulo, Brazil · On-site

Achievements:
• Improvement in handling tickets opened by data center client users through data integration pattern review.

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

Technologies:
• Java 8, Spring Framework, RESTful WebServices
• Hibernate, JPA, MongoDB, MySQL
• RESTEasy JAX-RS, Apache Tomcat, NGINX

Skills: DevOps · Agile Methodologies · Java · MongoDB · Spring Framework · REST APIs

Software Architect

CI&T
Aug 2013 - Jul 2015 - 2 yrs
Campinas, São Paulo, Brazil · On-site

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 +6 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)
- Smart Canvas Application, Google Cloud Computing with Java and Python

• Brasil Kirin (BR/JP)
- Backoffice for POS Sales Application, with Java and JSF

• Libra Terminais (Santos and Rio de Janeiro shipping port)
- RTG Multithreading IOT Application using Microsoft C# (service application)
- Datacenter migration - On-premise to Dell bare-metal (documentation and execution)

Technologies:
• Java 8, Spring Framework, Python, RESTful WebServices
• Hibernate, JPA, Oracle, Apache CXF RS/WS
• Google Cloud Computing, IBM WebSphere
• JUnit, Jenkins, SonarQube

Skills: Team Leadership · Agile Methodologies · Solution Architecture · Business Development · Product Development · Cloud Computing · REST APIs

Software Engineer

CI&T
Aug 2012 - Jul 2013 - 1 yr
Campinas, São Paulo, Brazil · On-site

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: DevOps · Python · Agile Methodologies · Google Cloud · Java · Oracle Database · Cloud Computing · Spring Framework · REST APIs

Technical Lead

Campofert Soluções Agro
Sep 2011 - Aug 2012 - 1 yr
Barretos, São Paulo, Brazil · On-site

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 +5 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 with XML (Integration pattern)
• Object Pascal (Delphi), PL/pgSQL, Postgres Database

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

Instructor

Prometric
May 2011 - Aug 2012 - 1 yr 4 mos
São José do Rio Preto, São Paulo, Brazil · On-site

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: Software Development · Community Engagement · C# · Product Development · Java · Oracle Database · PostgreSQL · REST APIs

Professor

Centro Universitário da Fundação Educacional de Barretos
Feb 2012 - Jul 2012 - 6 mos
Barretos, São Paulo, Brazil · On-site

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: Software Development · Community Engagement · Product Development · Java · REST APIs · PostgreSQL

Technical Writer

Revista Active Delphi
Dec 2010 - Dec 2011 - 1 yr 1 mo
Ribeirão Preto, São Paulo, Brazil · Remote

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

Edition 82 - http://activedelphi.com.br/mostra_edicao.php?ed=82
Article: "Construindo aplicações Delphi com SQLite e ZeosLib"

Edition 86 - Cover Story Featured - http://activedelphi.com.br/mostra_edicao.php?ed=86
Article: "Orientação a Objetos no Delphi: Por onde começar? – Parte I"

Edition 87 - http://activedelphi.com.br/mostra_edicao.php?ed=87
Article: "Orientação a Objetos no Delphi: Controle de Estoque – Parte II"

Edition 88 - http://activedelphi.com.br/mostra_edicao.php?ed=88
Article: "Orientação a Objetos no Delphi - Parte 3 (Final)"

Edition 89 - http://activedelphi.com.br/mostra_edicao.php?ed=89
Article: "Design Pattern MVC – Arquitetura de Software Coesa e Flexível"

Edition 91 - http://activedelphi.com.br/mostra_edicao.php?ed=91
Article: "Tecnologia XML no Delphi – Parte I"

Skill: Software Development · Enterprise Architecture · Community Engagement

Professor

Universidade do Estado de Minas Gerais
Apr 2011 - Oct 2011 - 7 mos
Frutal, Minas Gerais, Brazil · On-site

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 · Community Engagement · Product Development · Java · PostgreSQL · REST APIs

Software Engineer

OraSystems Consultoria e Tecnologia
Jul 2008 - Mar 2011 - 2 yrs 9 mos
Fernandópolis, São Paulo, Brazil · On-site

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 with XML (Integration pattern)
• Object Pascal (Delphi), C# .NET Framework, Oracle Database, SQLite

Skills: Oracle Database · Digital Transformation · C# · Software Engineering · Web Services · PostgreSQL

Education

FGV - Fundação Getúlio Vargas
Executive MBA, Strategic People Management
Oct 2022 - Aug 2024

Goal: Expansion of skills in business and people management.

• Disciplines around the business market.
• Development of human and behavioral skills.
• Understanding people and business dynamics in a globalized world.

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

Goal: Resilient design of service-oriented architecture (SOA) and its co-related processes.

Technical specialization in software engineering focused on service-oriented architecture (SOA), software components, quality processes (bpm), and continuous delivery (DevOps).

FEF - Fundação Educacional de Fernandópolis
Bachelor of Science - BS, Information Technology
2004 - 2008

Goal: In-depth knowledge of software integration architecture.

• Final paper - Webservices: Integration using SOAP protocol.
• Supervised internship - Development of financial accounting software.
• Undergraduate research project - Systems Architecture in XML.

Licenses & Certification

AWS Partner: Accreditation – Technical
Issued Oct 2023
Credential URL
https://www.credly.com/badges/ff3dc7e1-a04c-4397-9fc6-fdb9b65900ac

Skills: Amazon Web Services (AWS), Cloud Computing

AWS Partner: Cloud Economics Accreditation
Issued Oct 2023
Credential URL
https://www.credly.com/badges/29c88bb3-a3fa-4f3c-90d9-fb65e6646799

Skills: Amazon Web Services (AWS), Cloud Computing

AWS Partner: Sales Accreditation – Business
Issued Oct 2023
Credential URL
https://www.credly.com/badges/a3045902-4866-4ab7-a06a-2206d501227e

AWS Well-Architected Proficient
Issued Oct 2023
Credential URL
https://www.credly.com/badges/156636b3-3259-4970-a413-b1e71f7c22ca

Skills: Amazon Web Services (AWS), Cloud Computing

Product Marketing
Issued Oct 2023
Credential URL
https://www.credential.net/ba9223ad-be36-4a1b-8480-7345da5267f0

Skills: Product Management, Product Marketing

AWS Certified Cloud Practitioner
Issued Sep 2023 - Expires Sep 2026
Credential ID 3FLNY26CW2V4QZSR
Credential URL
https://www.credly.com/badges/9370d160-f4f7-45cc-9783-db0ceab716c6/linked_in_profile

Skills: Amazon Web Services (AWS), Cloud Computing

Métricas de Negócios Digitais @ PM3 Sprints

PM3 | Escola de Negócios e Produtos Digitais
Issued Sep 2023
Credential URL
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
Credential URL
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
Credential URL
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
Credential URL
https://d1p3swehz0pkz2.cloudfront.net/certifications/1Z0-051-oracle-database-ryanpadilha.pdf

Skills: Product Development, Oracle Database

Courses

Application monitoring with Prometheus and Grafana
YR 12/2023 - 5.5H

Back-End Web Development using Go
CYE 12/2017 - UC-T6EF2S6I

CCAA English Course Program TN9/9
CYE 2003 - 6 Years

Docker Containers: Complete Guide
CYE 11/2023

Gerenciamento ágil de projetos de software com Scrum | Caelum
CYE 10/2010 - 20H

Gestão de Marketing Digital de Alta Performance | ComSchool
CYE 11/2018 - 40H

RabbitMQ: The Complete Guide to Software Architecture Applications
CYE 06/2018 - UC-PK0O453V

SOLID - The 5 Principles of Object Oriented DesignSOLID - The 5 Principles of Object Oriented
Design YE 12/2023 - 5.5H

Scala & Functional Programming Essentials | Rock the JVM
CYE 07/2018 - UC-DLULZXO8

Languages

English
Full professional proficiency

Portuguese
Native or bilingual proficiency

Spanish
Limited working proficiency