

Henrique Gibi de Pádua

Software Engineer | AWS | Java | Data Driven Development

henriquedepadua@yahoo.com.br | +55 (11) 958-086-328

<https://henriquegibi.click/> | <https://www.linkedin.com/in/henriquedepadua/>

Profile

With more than five years of experience with IT and over international roles, I am a specialized professional in cloud native solutions Using Java. As an AWS Solutions Architect Associate, I develop and implement robust cloud infrastructures.

As a Software Engineer, I use AWS and Java to create and optimize Cloud Native Systems, with proficiency in CloudFormation and Terraform, fundamental for managing automated deployments. I have knowledge in AWS, Monitoring, SRE, Troubleshoot, focusing on scalable serverless solutions.

Fluent in English and Spanish (with native Portuguese), I have strong and wide IT experience and am committed to continuous learning.

My goal is to create innovative solutions, improving the security and efficiency of systems and contributing to challenging projects.

Skills

AWS, Java (Spring Boot), Rest, API, Database, SQL, NoSQL, Software Test, QA, Technical Troubleshoot, Multi-task, Software Solutions, Remote Working.

Languages

English: advanced (B2)
Spanish: fluent (lived in Argentina for two years)
Portuguese: native

Education

Software Engineering Bachelor's Degree – *Cruzeiro do Sul University* – 4 years, conclusion: 2023

Application of Software Engineering in Emerging Systems Post-graduation – *Anhanguera University* – 6 months, conclusion: 2024

Biomedical System Technologist Degree – *FATEC Sorocaba* – 3 years, conclusion: 2011

International Experiences

United States (2014, 2015) – Machine installation and programing, customer training

China (2015) – Machine installation and programing

Germany (2012, 2013, 2014) – Internal Training

Malaysia (2012) – Internal Training

Argentina (2012, 2013) – Machine installation and programing, customer training

Certification

AWS Solutions Architect Associate – Able to strategically design well-architected distributed systems that are scalable, resilient, efficient, and fault-tolerant.

Observability Metrics – Observability in applications and infrastructure. Understanding of concepts, application architecture and correlations between metrics, APM and logs.

AWS Cloud Practitioner – AWS essential services necessary to set up AWS-focused projects.

Oracle Cloud Foundations – Demonstrate fundamental knowledge of public cloud services provided by Oracle Cloud Infrastructure.

Certified Technician Kaspersky Lab. – Antivirus for devices with Windows, Mac, Android, and other free tools.

Work Experience

Itaú Unibanco/SP *1 year 8 month (Jan/2022 – Oct/2023)*

Systems Development with Java and Python:

- Building robust and adaptable solutions for various business challenges.

- Efficient use of Java and Python to develop complex systems.

Experience with AWS for Cloud Solutions:

- SQS implementation for reliable and scalable messaging.

- Using Fargate to efficiently run containers.

- Use of Lambda for serverless computing, promoting scalability and cost optimization.

Integration of Advanced Tools and Technologies:

- Using Docker for effective containerization.

- Application of Kafka for processing real-time data streams.

- Implementation of Grafana and Prometheus for monitoring and visualizing metrics.

- Using Splunk to analyze and obtain in-depth data insights.

GFT do Brasil/SP *9 months (Jan/2021 – Sep/2021)*

Serverless Architecture with AWS:

- Serverless solutions using Amazon CloudWatch Events and Scheduled Events.

- Solutions with AWS Lambda for efficient and scalable systems.

- Significant optimization of operational costs.

- High availability and quick response to real-time events.

Application Design for Fault Tolerance:

- Focus on creating applications with maximum fault tolerance and self-healing.

- Careful design practices and rigorous testing.

- Resilience and reliability in high demand scenarios or unexpected failures.

Optimization and Redesign of Critical Components:

- Identification and analysis of critical components in technologies used.

- Proposed and executed redesigns to increase robustness and reliability.

- Contribution to increased operational efficiency

- Reduction of downtime risks.

Global Accessibility and Reliability:

- Ensured applications were accessible and trusted globally.

- Implementation of data replication strategies and load balancing services.

- Consistent, high-quality user experience regardless of location.

Foundever/SP *3 years (Jan/2018 – Jan/2021)*

Kaspersky Certified Technician – available only for Kaspersky Analysts

End customer technical support provider

- Reach a service level of 96% (efficiency and customer satisfaction)

- Tickets: 75% solved in a First Contact Resolution

- No escalation needed: 96% of tickets

- General Troubleshoot (Windows, Android and MacOS)

Network configuration to prevent ransomware attack

- Generate and maintain a backup copy, for prevention

- Control access: avoid using remote access (most attacks occur through this way)

Remote access to workstations and servers (remote offices is not a problem)

Setup DNS and Windows registry manipulation

LOGs collections (Wireshark, ProcMon, Traces)

Possible errors may not have been detected when designing the software

Some of these errors happen only in certain environments

BUG tracking

Problems can happen with each operating system update

There are many different programs in several different branches, and we can detect incompatibilities

Older experiences

Stefanini IT Solutions/SP – IT Support – *1 year* (Dec/2016 – Oct/2017)

Mühlbauer Inc./Germany – Service Engineer – *3 years* (Aug/2012 – Oct/2015)

Santa Casa de Belo Horizonte/MG – Tech Team Leader – *1 year* (Oct/2011 – Jul/2012)

Medsystem Hospitalar/SP – Internship – *1 year* (Jul/2010 – Jul/2011)

Fatec Sorocaba/SP – Internship – *1 year, 2 months* (May/2007 – Jun/2008)

Regimento Deodoro/SP – Soldier – *3 years* (Mar/2003 – Fev/2006)