

Everton Mendonça de Jesus

Developer

Everton began at Thoughtworks as an Lead Consultant Developer. extensive experience in designing and developing scalable, distributed, and resilient systems. Proven expertise in cloud computing (AWS, GCP), microservices, event-driven architectures, and large-scale system design. Skilled in both backend and frontend development, with significant experience in modern frameworks such as React, VueJS, and Angular, creating responsive and intuitive user interfaces that enhance user experience and performance. Thoughtworks experience

Grainger

April 2025 - Current

Everton was assigned as a Lead Consultant Developer to work at PUB team.

Other experience

iFood / Staff Software Engineer

May 2024 – Feb 2025, São Paulo - SP (Remote)

Worked with Java-based microservices, REST APIs, Kafka, Kubernetes, and event-driven architecture. Additionally developed frontend features using React, contributing to the improvement of user interfaces and user experience across various internal tools and customer-facing platforms.

I worked in the Quality Engineering (QE) team, and before that, in the Resilience team. In QE, my focus was on strategies to enhance the quality and reliability of iFood's systems.

We ensured our services delivered the best experience for millions of users by leveraging advanced test automation, continuous monitoring, and quality metrics analysis. With this combined experience, I consistently improved system reliability through quality engineering practices, advanced testing, and observability, always anticipating and mitigating potential impacts on user experience.

I regularly worked with tools such as Kubernetes, Litmus Chaos, Grafa na K6, Databricks, Kafka, Istio, among many others. Besides that, I volunteered to perform technical interviews to software engineer candidates and mentored other developers.

Itau Unibanco / Tech Lead - Software Engineer

April 2021 – May 2024, São Paulo - SP (Remote)

Led migration of legacy systems to AWS Cloud using Java, Spring Boot, REST APIs, API Gateway. Managed microservices deployed on AWS EKS integrated with Kafka, SNS, SQS, DynamoDB.

My role as Tech Lead involved designing and proposing solutions to migrate legacy systems to AWS Cloud. We handled large financial data files for batch processing, emphasizing high performance, fault tolerance, and ensuring deduplication to maintain stability and customer satisfaction.

I contributed to designing architectural solutions utilizing AWS, creating effective development patterns and processes. Additionally, I managed the development processes and ensured timely deliveries. My responsibilities also included mentoring other developers and guiding the squad to meet established goals.

Our primary solution consisted of Java microservices built for payment applications deployed on AWS using EKS. We integrated these services with Kafka, SNS, SQS, DynamoDB, and several other AWS services.

Capgemini / Software Engineer

June 2020 - March 2021, Salvador - BA (Remote)

Developed Java microservices for Brazil's PIX Project, integrating with DB2 relational database, IBM MQ, and legacy systems.

Used REST APIs extensively. Development of Java microservices used on Bacen's PIX project integrating with other services and systems, including CWS (Cobol Mainframe), IBM MQ queues, DB2 databases and other applications.

Fluent / Software Engineer

April 2017 - June 2020, Sao Paulo - SP (Remote)

Developed Backend as a Service APIs using Java, NodeJS, Angular, React, and VueJS. Implemented REST APIs, API Gateway integrations, and multi-threaded applications. Developed Backend as a Service APIs using Java, NodeJS, Angular, React, and VueJS. Implemented REST APIs, API Gateway integrations, and multi-threaded applications. Developed frontend features extensively using React and VueJS, building responsive, interactive, and user-friendly interfaces.

Backend development using Express and other frameworks (NodeJS). Development of Backend API Services (Backend as a Service) including CMS systems, Payment services,

among others. Development of a Telegram bot using Natural Language Processing with Rasa framework and speech-to-text APIs with Google Cloud Speech API.

SPA SALUTE BAHIA / Software Engineer

May 2014 - Feb 2017, Camacari – BA

Implemented REST APIs, API Gateway integrations, and multi-threaded applications. Developed backend systems using PHP with Yii framework and MySQL databases for a health-focused mobile application (Android and iOS).

Created and managed environments in Amazon Web Services (AWS), using EC2 and RDS instances. Configured and maintained web servers Apache and Nginx. Built a video streaming solution using AWS CloudFront. Integrated email marketing APIs (AWeber, Mailchimp). Designed and maintained RESTful web services.

GRANTI / Software Engineer

April 2012 - Feb 2014, Sao Paulo - SP

Development and maintenance of a consulting system for industries using Java and SQL Server and Oracle databases. The system consisted of several modules such as Occurrence Control, Document Management (GED), Indicators, Quality and etc.

Skills

- Software Development & Architecture
 - Java, Python, Go, Node.js
 - Spring Boot, Spring Batch, REST APIs, gRPC
 - Kafka, RabbitMQ, IBM MQ, SQS, Pub/Sub
- Cloud & DevOps
 - AWS (Lambda, DynamoDB, S3, ECS, EKS, SQS, SNS)
 - Kubernetes, Docker, Terraform, CloudFormation
- Data & Machine Learning
 - SQL, NoSQL (PostgreSQL, DynamoDB, MongoDB)
 - Big Data (Spark, Databricks, BigQuery)
 - ML & AI (TensorFlow, Scikit-Learn, NLP, Fraud Detection)
- Frontend Development:

- React, VueJS, Angular – Designed and developed modern, responsive user interfaces and components, ensuring optimal user experience and performance.
- Domains: Leasing, Insurance, Finance
- Methodologies: Scrum, XP
- Certifications: MSCD, MCP

Education

Universidade Federal da Bahia / PhD in Computer Science (Unfinished)

October 2017 - Unfinished, Salvador - BA

The focus of my project is to apply machine learning and deep learning techniques to the analysis of public and restricted health data to extract insights and analyze trends that can help improve public health indicators.

During the period of activity, a project was developed in partnership with the University of Melbourne, which resulted in articles published in international conferences and journals.

The project consisted of analyzing the birth of twins using data from SINASC, a Brazilian public database where all births of children are registered, with the goal of analyzing how the difference in sex between twins could affect their development.

Universidade Federal da Bahia / M.Sc. in Computer Science

August 2014 - December 2016, Salvador - BA

Master's in computer science studying distributed and parallel systems.

Project title: Adaptation and Evaluation of Virtual Screening in Hybrid parallel Architectures

My project consists of implement a Virtual Screening tool (Pharmaceutical Process) to use GPUs from NVidia aiming to find an improvement of performance. I am also studying some topics about Apache Spark, Machine Learning and Context-Aware Applications

Universidade Salvador / Specialization in Software Engineering (MBA)

October 2012 - September 2014, Salvador - BA

Concepts about software engineering, best practices and software modeling.

Universidade Católica do Salvador / Bachelor of Computing in Computer Science

February 2005 - December 2009, Salvador - BA

Concepts about software engineering, best practices and software modeling.

Books/Publications Authored

Certifications

- Certification: AWS Certified Solutions Architect – Associate by Amazon Web Services (AWS)

Expiration: October 2023 - October 2026

https://www.credly.com/badges/1a4a2b14-fc6b-4e2f-afd9-9d20a64be8d8/public_url

- Certification: AWS Certified Cloud Practitioner by Amazon Web Services (AWS)

Expiration: August 2021 – August 2024

Recertified: October 2023 – October 2026

https://www.credly.com/badges/53829c90-486d-4513-90ef-1900d2194912/public_url

Publications

- Paper “Birthweight, gestational age and familial confounding in sex differences in infant mortality: a matched co-twin control study of Brazilian male-female twin pairs identified by population data linkage” published at International Journal of Epidemiology in November 2021.
- Book chapter “Inteligência artificial e COVID-19”, in book: “Construção de conhecimento no curso da pandemia de COVID-19: aspectos biomédicos, clínico-assistenciais, epidemiológicos e sociais” published by Rede Covida in 2020.
- Paper “Matched-Pair Analysis Using Machine Learning to Predict 1-year Mortality in Newborn Twins” presented at 20th Brazilian Symposium in Computer Science applied to Healthcare. (SBCAS 2020), Salvador, 2020.
- Paper “Sex Differences in Infant Mortality: A Population Data Linkage Study of Brazilian Male-Female Twin Pairs” in International Journal for Population Data Science 2020.
- Paper “Accelerating docking simulation using multicore and GPU systems” presented at 17th International Conference on Computational Science and Applications (ICCSA 2017), Trieste, 2017.