

GEORGE NUNES

Senior Software Engineer (SWE)

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Curitiba, PR – Brazil

SUMMARY

Senior Software Engineer with +10 years of expertise in **Java** and the **Spring Framework**. Specialized in building scalable APIs, designing SQL databases, and managing **AWS cloud** deployments with automated CI/CD pipelines. Proven track record in the finance and manufacturing sectors for reducing process timing and improving NPS scores through technical innovation. Currently leveraging extensive backend experience to master **Golang** and explore **AI integration** for high-performance systems.

CERTIFICATIONS

- AWS Cloud Practitioner | Issued Aug 2023
- AWS Certified Developer Associate | Issued Mar 2025
- Oracle Certified Associate, Java SE 7 Programmer | Issued Jan 2016

SKILLS

Programming Languages/Frameworks: Java (JDK 21), Spring Boot 3, Spring Security, Golang.

Architecture/Design: Microservices, Design Patterns, Serverless.

Containers/Orchestration: Docker, ECS Fargate, Kubernetes.

Cloud Computing (AWS): EC2, AWS Lambda, API Gateway, S3, CloudWatch.

Messaging: AWS SNS, AWS SQS, Spring Cloud

Infra/DevOps: Terraform, CloudFormation, CI/CD, GitHub Actions

Databases: PostgreSQL, MySQL, DynamoDB

Observability Tools: Grafana e DataDog.

Quality standards: SOLID, Clean Code, TDD/BDD, CI/CD.

EDUCATIONAL BACKGROUND

- **University of the State of Amazonas (UEA/EST)** (<https://www.uea.edu.br>)
Bachelor of Technology in Systems Analysis and Software Development
Graduated in 2017

WORK EXPERIENCE

Senior Java Software Engineer at [REDECARD](#) (Itaú Unibanco Group)

Brazil's leading payment processor, handling millions of daily transactions for the finance sector.

Sep 2021 – Present | Remote

- Implemented API integrations with prepaid card brand partners, reducing activation time from 1 business day to 2 minutes by modernizing the process from legacy batches to online HTTP RESTful communications.
- Optimized the accreditation flow, decreasing service order incidents related to card machine delivery by 90%.
- Authored comprehensive procedures documentation for the Accreditation Squad (15+ professionals), enhancing team autonomy and efficiency during incident inquiries.
- Mentored new joiners and junior developers on Java, AWS, and SQL, improving team engagement and skill proficiency.

Senior Java Software Engineer at [MATERA SYSTEMS](#)

Sep 2020 – Aug 2021 | Remote

- Designed and implemented new features for a payment gateway, including QR Code functionality, enhancing user flexibility and security by enabling custom due dates and payment/transfer limits.
- Elevated code quality and resolved critical bugs using Java 8 and Spring Boot, reducing new production incidents by 80%.
- Supported new joiner onboarding by mentoring product architecture, development methodologies, and local environment setup, accelerating team engagement and productivity.

Software Engineer at [SAMSUNG](#)

Feb 2017 – Nov 2019 | Manaus, AM

- Developed and implemented "Tingu", a self-service web system, significantly reducing HR department overhead by 90% by enabling employees to independently manage inquiries via factory-wide kiosks.
- Led the design and implementation of "CAPA", a planning tool that provides real-time manpower capacity forecasts based on the demand of TVs, improving performance time from one hour to just 30 seconds.
- Created interactive dashboards using React and Java Spring Boot, providing engineers and directors with critical real-time insights into production quality to facilitate informed and strategic decision-making.

Software Engineer at DOMMA TI

May 2014 – May 2016 | Manaus, AM

- Designed and implemented an electronic inventory control system, boosting client productivity by 90% by eliminating manual data handling (spreadsheets, image processing) and streamlining inventory management.

Intern at LENOVO

Jul 2013 – Jan 2014 | Manaus, AM