

Contact

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(LinkedIn)

Top Skills

NestJS

Swagger

ESL (Inglês como segunda língua)

Certifications

Nest JS

Avançando em PHP: Arrays, Strings, Função e Web.

PHP Strings: Operações e expressões regulares

JavaScript: Arrays

PHP I/O: trabalhando com arquivos e streams

Haron Moreira

Senior Software Engineer | Node.js, NestJS, Microservices | Clean Architecture | AWS | Technical Leader | PHP | Python | SQL | REST | Full-Stack

São Paulo, São Paulo, Brazil

Summary

[EN]

Software Engineer with strong experience in Node.js, NestJS, and microservices architecture. Currently leading the migration of a legacy monolith into a scalable distributed system, designing event-driven flows, handling high-throughput operations, and reducing system coupling through domain-oriented service decomposition.

Key skills:

Microservices, queues (AWS SQS), SQL & NoSQL databases

Clean Architecture, SOLID principles, Clean Code

Logging, monitoring, and production observability (CloudWatch, Grafana, Zabbix)

System performance tuning and database optimization

What I bring:

I take ownership of problems, not just tasks.

I drive architectural decisions with clarity and focus on business impact.

I create maintainable, scalable, and testable services from day one.

I balance technical excellence with delivery speed under pressure.

Currently focused on advancing my skills in observability, DevOps culture, and system reliability — aiming to contribute not only as a senior engineer but also as a strategic technical voice in high-impact projects.

[PT-BR]

Engenheiro de Software, com forte atuação em backend, especializado em Node.js, NestJS e arquitetura de microsserviços. Atualmente lidero a migração de um sistema legado monolítico para uma arquitetura distribuída escalável, com foco em performance, desacoplamento de domínios e fluxos orientados a eventos.

Principais habilidades:

Microserviços, filas (AWS SQS), bancos SQL e NoSQL

Clean Architecture, princípios SOLID, código limpo

Logging, monitoramento e observabilidade em produção

(CloudWatch, Grafana, Zabbix)

Otimização de desempenho de sistemas e banco de dados

O que entrego:

Assumo problemas como dono, não apenas tarefas

Tomo decisões arquiteturais com clareza e foco no impacto para o negócio

Crio serviços escaláveis, testáveis e fáceis de manter desde o início

Equilíbrio excelência técnica com velocidade de entrega, mesmo sob pressão

Atualmente estou aprofundando meus conhecimentos em observabilidade, cultura DevOps e confiabilidade de sistemas — com o objetivo de contribuir não apenas como engenheiro, mas como referência técnica em projetos de alto impacto.

Experience

Surf

6 years 5 months

Full Stack Software Engineer

April 2022 - Present (3 years 11 months)

São Paulo, Brasil

Responsibilities:

- Architecture & System Design

Led architecture decisions, ensuring scalable, maintainable, and high-performance solutions.

Designed and implemented a microservices architecture, improving system modularity and scalability.

- Development & Cloud Infrastructure

Developed and maintained backend routines using Python, PHP, and Node.js with Express, leveraging AWS services such as SQS, RDS, ECS, S3, and CloudWatch for scalability and performance.

Developed a complete BSS (Business Support System) to support telecommunications business strategies, integrating multiple AWS services. Integrated payment gateways such as Stripe and PayPal, enabling secure and efficient transaction processing.

Built new applications and products, including CRM systems, recharge websites, e-commerce platforms, and various integrations using Node.js, Next.js, and Python.

Developed and maintained RESTful APIs using Node.js and Python, integrating with internal and external services.

Built and enhanced front-end applications using Next.js, ensuring seamless integration with backend services.

- Database Management & Optimization

Designed, managed, and optimized relational databases (MySQL, RDS) for high availability and performance.

Performed query tuning, index optimization, and table restructuring to improve database efficiency and reduce response times.

Implemented database connection pooling and caching strategies to enhance scalability and minimize latency.

- Operations & Monitoring

Provided ongoing support and maintenance for internal systems, identifying and implementing improvements to enhance performance and stability.

Investigated and resolved post-deployment issues, ensuring minimal downtime and a smooth user experience.

Implemented monitoring and logging strategies using AWS CloudWatch, improving system observability and troubleshooting efficiency.

Implementation Analyst

June 2021 - April 2022 (11 months)

São Paulo, Brasil

Responsibilities:

- Project Coordination & Client Engagement

Lead meetings with clients, vendors, and internal teams to identify and address gaps during the onboarding of new brands (clients).

Analyze and define API integrations with partners and clients to ensure seamless connectivity and automation.

- Technical & Operational Management

Manage and maintain ICCID number ranges (physical SIM card numbers) for production and control, ensuring compliance with specific rules for each new or existing brand.

Oversee GMUD (Change Management) processes, collaborating with NOC teams and external/internal vendors to ensure smooth deployments.

- Testing & Quality Assurance

Conduct validation and certification of projects, services, and solutions, ensuring supplier deliveries meet the highest quality standards and minimizing failures in the final product.

- Documentation & Process Optimization

Define and document project scope and technical requirements to align expectations and guide implementations.

Design process flows and operational guidelines, establishing best practices to address and mitigate gaps in the implementation of new brands and products.

Network Operations Center (NOC) Assistant

November 2020 - June 2021 (8 months)

São Paulo, Brazil

Responsibilities:

- Network & Equipment Monitoring

Perform analysis and diagnostics on network and telecom equipment such as JMG, MPU, SIU, among others.

Monitor Data Center operations, ensuring optimal performance and reliability of installed equipment.

- Reporting & Service Management

Prepare and deliver weekly reports to senior management, providing insights into network performance and operational status.

Track and evaluate adherence to social service initiatives provided by the company.

- System Access & Data Analysis

Utilize SSH connections to access CDR (Call Detail Record) visualization tools, enabling in-depth network analysis.

- Infrastructure & Configuration

Install and manage network cabling, ensuring proper routing and organization. Configure IP addressing for new network deployments and infrastructure adjustments.

Technical Support Intern

October 2019 - November 2020 (1 year 2 months)

São Paulo, Brasil

Responsibilities:

- Hardware & Software Maintenance

Perform preventive and corrective maintenance on company workstations and IT equipment.

Configure and set up new machines, installing necessary software and integrating them into the company's Active Directory.

Install and configure peripheral devices, including printers, scanners, and multifunction devices.

- Network & System Administration

Manage and troubleshoot internal network infrastructure, ensuring stable connectivity.

Configure IP addressing (static and DHCP) to optimize network performance.

Set up and manage Ubiquiti antennas via the controller for wireless network optimization.

- Email & User Support

Provide technical support for email configuration and troubleshooting.

Assist employees with IT-related issues, ensuring minimal downtime and optimal system performance.

Look Code

Co-Founder

January 2024 - Present (2 years 2 months)

Brazil

Droga Raia

Atendente I

August 2019 - September 2019 (2 months)

Santana de Parnaíba, São Paulo, Brasil

Responsabilidades:

Atendimento ao cliente no caixa,

Reposição de produtos nas prateleiras,

Carga e descarga de produtos novos recém chegados,

Controle de validade dos produtos da loja,

Limpeza da loja.

Saída prematura por conta do estágio na área em que estava estudando.

Marcenaria M23

Marceneiro Aprendiz

April 2017 - May 2018 (1 year 2 months)

São Paulo, São Paulo, Brasil

Responsabilidades:

Montagem de móveis,

Instalação de móveis planejados,

Atendimento ao cliente final,

Transporte de móveis.

Education

Impacta Tecnologia

Pós-graduação Lato Sensu - MBA, Engenharia de Software · (January 2025 - December 2025)

Uniamérica

Pós-graduação Lato Sensu - MBA, Desenvolvimento Full-Stack · (June 2024 - December 2024)

Impacta Tecnologia

Curso Superior de Tecnologia (CST), Análise e Desenvolvimento de Sistemas · (2021 - 2023)

Fatec Carapicuíba

Tecnólogo, Análise e desenvolvimento de sistemas · (2019 - 2021)

Etec Uirapuru

Técnico em informática, Informática · (2016 - 2018)