

Adroaldo Pagliari

Senior Software Engineer / Hands-on Tech Lead

Videira, Santa Catarina, Brazil | adroaldo@outlook.com | +55 49 99909-3982

adroaldopagliari.com | LinkedIn | GitHub

Profile

Senior backend engineer combining hands-on development with technical leadership. Experience designing, building, and operating cloud-native, event-driven systems, data-intensive reporting, and reliable asynchronous workflows. Apply AI to investigation, documentation, and learning; work on LLM-enabled backend capabilities.

Core technologies

Node.js, TypeScript, NestJS, REST/GraphQL, AWS SQS/S3/Cognito/ECS/EKS, PostgreSQL, ClickHouse, Redis, RabbitMQ, Firebase, containers, automated testing, and CI/CD.

Current experience

Somos Educação / Cogna · Senior Backend Engineer / Tech Lead

January 2021-present

Hands-on technical leadership for assessment and reporting squads on platforms supporting 3M+ students. Architecture, APIs, asynchronous processing, production reliability, mentoring, and collaboration with product, data, frontend, and DevOps.

Meritt · Backend Engineer / Team Leader

August 2020-present

Node.js, TypeScript, NestJS, PostgreSQL, AWS, Redis/Bull, Firebase, tests, and CI/CD. Listed concurrently with Cogna in my professional profile.

Selected engineering work

Answer-sheet generation: asynchronous orchestration, queued PDF generation, progress tracking, retries, and operational visibility.

Assessment reporting: transactional and analytical workload separation, query and index analysis, correctness, freshness, and cost-aware architecture.

Applied AI: agent-assisted repository exploration, documentation, architectural analysis, and an evidence-based study harness.

Earlier experience

Independent Software Engineer

January-August 2020

End-to-end web solutions, architecture, delivery, deployment, and maintenance.

Decode21 · Systems Integration Consultant

August 2018-January 2020

Data and process integration across manufacturing, logistics, and operational systems.

Doppler Sistemas · Founder & Technical Lead

2012-July 2018

Founded and led an industrial ERP company: finance, accounting, inventory, cost, production, logistics, integrations, and client delivery.

Senmax · Software Engineer

January 2010-November 2011

Industrial ERP with Java and Oracle, manufacturing cost calculations, integrations, and reporting.

VisionMed · Software Developer

January 2009-January 2010

PACS, DICOM, medical imaging, and telemedicine. Java/PostgreSQL backend and PHP/JavaScript frontend.

Education

B.Sc. in Computer Science - UNOESC, 2007-2011.

Postgraduate degree in Web, Cloud, and Mobile Development - UNOESC, 2015-2017.

Languages

Portuguese: native. English: full professional proficiency.

Professional development

Advanced Node.js; JavaScript: Patterns; DevOps Foundations: Monitoring and Observability; Learning React.js.