Jonathas Ribeiro

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👤 Profile

Senior Software Engineer with 15+ years of experience. I bring a deep commitment to quality, teamwork, and continuous improvement to every project.

🛠 Key Skills

- Backend: Node.js, TypeScript, Java, PHP, .NET

- Frontend: React, Angular

- DevOps & Cloud: AWS, Terraform, Linux, Docker, Github Actions

- Databases: PostgreSQL, MySQL, MongoDB

- **Languages:** Portuguese (Native), English (C1 – CAE, EFCELT certifications), Spanish (B2), Czech (A2)

💼 Employment History

Senior Software Engineer   **Jan 2024 – present**

Vacasa - Prague, Czech Republic (Hybrid)
Worked on projects supporting large-scale field operations with a strong focus on cloud architecture, performance, and workflow optimization.

- Designed and optimized serverless systems using AWS Lambda, Step Functions, SQS, and ECS.

- Configured ECS auto-scaling and replaced embedded Nginx instances by placing API Gateway in front of the load balancer, simplifying the architecture and reducing resource usage.

- Refactored a NestJS API to remove legacy dependencies, improving maintainability and scalability.

- Led the transition from Retool to AWS Step Functions, implementing fully modular workflows entirely in Terraform to reduce costs and improve developer experience.

- Built CI/CD pipelines using GitHub Actions to automate testing, deployment, and infrastructure provisioning.

- Configured AWS DMS for change data capture (CDC) replication from MySQL to PostgreSQL, streamlining cross-database synchronization.

Tech Lead / Senior Software Engineer   **Jan 2022 – Dec 2023**

CloudTalk – Prague, Czech Republic (Remote)
Directed the technical aspects of a voice platform project while mentoring a team of developers. Focused on architecture, quality, and engineering processes, working across the stack with modern technologies.

- Designed backend services using Node.js, NestJS, Fastify, GraphQL, and Apollo.

- Promoted best practices, led code reviews, and supported CI/CD improvements.

- Collaborated on frontend (Angular) and DevOps (Redis, MySQL, Kubernetes, AWS).

Solutions Architect / Engineering Manager   **Jan 2020 – Dec 2021**

24i Media – Brno, Czech Republic (Hybrid)
Worked as a Solutions Architect and later also led a full-stack team as Engineering Manager. Handled documentation, estimation, architecture, and requirements gathering with clients. Managed sprints and ensured code quality through reviews. As a manager, led hiring processes, team capacity planning, and developer mentoring.

Senior Software Engineer / Node.js Lead   **May 2018 – Jan 2020**

24i Media (formerly Mautilus) – Brno, Czech Republic (Hybrid)
Promoted to lead developer for the Node.js domain after 24i acquired Mautilus. Took on team leadership responsibilities while continuing backend development in Node.js. Also worked on new projects using React and AWS Lambdas in a serverless architecture.

Lead Backend Developer   **Aug 2016 – May 2018**

Mautilus - Brno, Czech Republic (On-site)
Worked on backend projects using Java (Spring), .NET, and Node.js. Delivered the HbbTV Events Manager system for TV Nova (Node.js + Angular) and deployed services to Linux servers using Docker, MongoDB, Redis and RabbitMQ.

Software Developer   **Jul 2015 – Mar 2016**

Pixmania - Brno, Czech Republic (On-site)
Developed internal systems using PHP, JavaScript, jQuery, and MySQL, with integrations in Oracle and PL/SQL. Maintained legacy platforms with CodeIgniter, Smarty, and CMS tools like WordPress and Drupal. Also supported HR by interviewing Portuguese-speaking candidates for the CS Portugal team.

Other Roles (2008–2016)

Freelancer at jonathas.com, Micro University, NETbureau Comunicação Digital
Developer, DevOps, Systems Analyst – working with PHP, CodeIgniter, MySQL, ASP.NET, AWS, and Linux. For more info, check my LinkedIn profile which contains full descriptions and projects.

🎓 Education

Universidade Estácio de Sá, Rio de Janeiro — Bachelor's in Information Systems (2015)
Universidade Veiga de Almeida, Rio de Janeiro — Bachelor's in Computer Science (2012)