Thiago Araújo

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Resume

A professional graduated in Software Engineering, with 4 years of backend engineering and almost 3 of frontend development, using technologies and tools such as TypeScript, Nodejs, AWS, Nextjs, ReactJs, Java, PHP. My experiences are in the IT and educational sector.

As a software engineer, besides coding, I usually analyze SDLC, searching for paths to improve software quality and efficiency. With my background in software engineering, I'm able to improve the development process by considering a systematic approach and critically thinking about each step.

Work History

Full Stack Engineer
Teasy Solutions, São José, Brazil   **November-22 – March-25**

The company is a start-up software house, it started providing automations and now it is mainly developing web projects.

- Researched and implemented new technologies, such as Whatsapp Meta API, Twilio API, AWS SES, fiserv for payment solution;
- Introduced to the serverless concept, learned about AWS services such as Lambda, SES, SQS, EC2, DynamoDB.
- Designed databases, usually working with MySQL.
- Introduced to NoSQL;
- Developed solutions on distributed systems, using queues such as RabbitMQ, SQS, Kafka;
- Developed, using Dart and JAVA, a mobile app for payment and printing tickets for a variety of shows;
- Deployed serverless APIs using AWS lambdas;
- Introduced new tools to the development team to improve reliability, such as React Hook Form, Zod;
- Created automation for CI/CD pipeline.

Technologies and tools: Javascript, TypeScript, Dart, Java, Reactjs, Nextjs, CSS3, SQL, NoSQL, SES, SQS, RabbitMQ, Linux.

Backend Engineer
UNIPAMPA, Alegrete, Brazil   **March-21 – Current**

Branch of the college for projects research with the purpose of developing a platform for project management based on the PMBOK.

- Learned and applied development fundamentals such as hexagonal architecture, DDD, SOLID, DRY and TDD, including E2E and unit testing;
- The fundamentals mentioned before helped on the development of a stable API, Silver Bullet(https://silverbullet.lesse.com.br);
- Designed the database;
- Applied RBAC and rate limiting to avoid brute force attack and assure API availability.

Technologies and tools: NodeJS | JavaScript | TypeScript | SQL | PostgreSQL | Prisma | OOP | E2E Testing | SOLID | DDD | Unit Testing | Vitest

Academic Education

(03/2020 - 12/2024) Bachelor of Software Engineering, UNIPAMPA, Alegrete, Brazil

Languages

English – Advanced
Portuguese - Native