

Lucas Vieira

Developer

My name is Lucas Vieira, and I am a seasoned full-stack developer with profound expertise in the Java and JavaScript programming language ecosystems. Moreover, I specialize in web development and possess a rich background in the creation of Progressive Web Applications (PWAs).

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<https://github.com/lkasvr>

Job Interests

Software developer, Analyst or Architect

Summary of Qualifications

Experience in analysis, development, and implementation of systems. Strong knowledge in identifying technical problems, application debugging, logical and technological problem-solving, performance troubleshooting, integration and migration of systems, and implementation of solutions according to established technical and commercial specifications. Use of **BPMN (BPM)** and requirement elicitation. Acting in system development and maintenance in **Java**, **JavaScript (ECMAScript 5 and above)**, and **Python**, using the following technologies: **jQuery**, **TypeScript**, **React**, **Redux**, **ReactNative**, **HTML 5**, **CSS 3**, **Tailwind**, **NodeJS**, **NextJS**, **AngularJS**, **Headless CMS Strapi**, **Bootstrap**, **Docker**, **PostgreSQL**, **GraphQL**, **Redis**, **TypeORM**, **Git**, **Google Apps Script**, **Cloud**, **API's REST**, **Unit Testing** and **TDD with Jest**. **Cloud Computing**: **CI/CD**, **Kubernetes**, **K3D**, **AWS**, **GitHub Actions**, **Prometheus**, **Grafana**, **Terraform**.



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Date of Birth: April 14, 1998

Education and Qualifications

- System Analysis and Development**
2023 - 2025
- Network Architecture**
2023
- Computer Architecture**
2023
- Advanced React and NextJS**
2023

Skills

Front End Development



Back End Development



Java



JavaScript



English

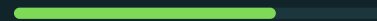
Interpretation and Reading



Writing



Conversation



Experiences and Projects

Recent / Current

Dominic Ltda.

2021 - 2023

PJ

Dashboard in REACT/NextJS with integration of third-party APIs, for the implementation of an administrative and financial monitoring panel for stakeholders.

- The objective of the project was the automation of repetitive administrative processes, initially using Google Office suites
- I conducted requirement elicitation and acted directly with stakeholders and collaborators responsible for the operations eligible for automation
- I adopted a development and design strategy for business and industrial processes through BMP Notation and Entity-Relationship Diagrams
- After storytelling and with the adoption of Agile development, the tasks and functionalities to be implemented were divided
- Then, I mapped the data to the dashboard and developed an API for processes such as budget registration, sales, user, client, and inventory control

Conf.

2023

PJ

Back-end project with reactive programming in Java, REDIS, Docker, and front-end in Bootstrap and jQuery. Creation of JavaScript WebSockets for sending a large number of notifications for use in hospital applications.

Web Dev

2017 - 2020

PJ

Development of REST API in NodeJS and TypeScript, TypeORM, PostgreSQL, Docker for a sales application, and front-end in REACT/Typescript.

Java Dev

2015 - 2016

freelancer

Java development (JPA, JTA, Spring, EJB, WebServices Rest, Soap, JSP-Servlet).

Personal Profile and Professional Trajectory

My profile is focused on persistence in solving problems, ease in explaining technical details with good communication, and reaching a feasible solution.

The main reason I am seeking a job is to gain experience and achieve personal and professional growth, as I strive to become an intellectually distinguished and pragmatically respected professional in my field.

My programming history began relatively early, between the ages of 13 and 14, with the influence of my family through relatives who worked as programmers, passing on their passion for computing and technology.

Proficiency in English Language

- **Reading, Interpretation, and Comprehension:** I consider my reading proficiency in English to be my greatest strength, as I have a good understanding through fluent reading, especially when it comes to technical or business topics in my professional or academic field, with difficulty only in more scientific and academic terms, which can be quickly overcome.
- **Conversation:** I can satisfactorily maintain a professional dialogue, including using technical terms or informal language with good pronunciation and comprehension.
- **Writing:** My second strength in the language, with relative ease and knowledge of grammatical rules.

Top Skills

Agile Methods and Productivity Tools

- Scrum, XP, Kanban, Waterfall
- Agile requirement elicitation, including user stories, MVPs, and A/B tests
- Business Process Management – BPMN, Trello, Notion, Whimsical, TickTick, Todoist

Front End

- Development with the following technologies and frameworks: HTML5 – Document Object Model (DOM), CSS3 – (Grid, FlexBox), JavaScript (all ECMAScript conventions), jQuery, Bootstrap, Typescript, NPM, NextJS (SSR, SSG, ISR, CSR), React (Hooks, Componentization), Angular, Requisições HTTP Requests, Google App Script

Back End

- Development with the following technologies, frameworks, and databases: JavaScript (NODE), Python, Java (Hibernate, JPA, JTA, JSP, Spring, EJB, WebServices RestSoap, JSP-Servlet, JSF, Struts), MySQL (MSSQL, PostgreSQL, SQLite), MongoDB, Docker, Strapi (Headless CMS), GraphQL, Apollo, TypeORM, API Rest, Redis, Jest

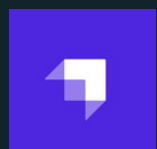
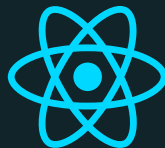
Architectural Patterns

- Object-Oriented Programmings (POO/OOP) – (Classes, Prototyping, Scope and Closures, This Context)
- Functional Programming – method chaining
- Software Architecture, Architectural Patterns: MVC, Microservices, and publish/subscribe
- Software Architecture, with emphasis on unit testing, testability, coverage, and Test-Driven Development (TDD)

Software Engineering and Cloud Computing

- Software Project Design, Project Properties, Software Design Principles and Patterns, refactorings and code smells
- DevOps, version control with GIT, continuous integration and deployment (CI/CD), Docker, Kubernetes, K3D, AWS, GitHub Actions, Prometheus, Grafana, Terraform.

Technologies



TYPEORM



Google Apps Script



docker