

Kaique Souza

Data Analyst • Software Engineer

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Summary

I am a 17-year-old passionate about technology, with over 7 years of learning and hands-on experience across programming and IT.

- I've coded bots for large Discord servers with Javascript.
- I've designed several websites with HTML/CSS/JS and deployed them on GitHub Pages
- and I learned and applied a lot of SWE and CS fundamentals such as SDLC, DevOps, CI/CD, Information Security, Full-stack Development and Data Science.

I'm quick to learn new languages and systems, I enjoy collaborating in teams, contributing consistently to projects and delivering results. My goal is to keep growing as a developer while applying my skills to real-world challenges.

I'm currently seeking a Software Engineer or Cloud Engineering Internship for up to 20h/week remote.

EDUCATION

Computer Science and Software Development

[J&F Institute](#) • Expected 2026

High School Diploma with Emphasis in Computer Science & Software Development. There I gained both theoretical and applied skills across programming, data, and systems, including:

- Databases: SQL (**MySQL** and **PostgreSQL**), and NoSQL (**MongoDB**, **Redis**). Data Modeling, Query Optimization.
- Programming: **Python** and **Java**, debugging, problem-solving, and Object-Oriented Programming.
- Tools: **Git** & **GitHub workflows**, **CI/CD**, **DevOps**, **Docker** containers, **Kubernetes** and **Software Design**.
- OS & Hardware: computer architecture, Linux administration, process management, package managers, troubleshooting.
- Web: **HTML5/CSS3**, responsive design, **JavaScript** (DOM, events), Bootstrap.
- Data Science & Analytics: **NumPy**, **Pandas**, **PySpark**, applied statistics, **Machine Learning** (regression, classification, validation), AI (LLMs, security, ethics), **Excel** and **Power BI**.

COURSEWORK

CS50x (Computer Science)

[HarvardX \(EdX\)](#) • 2025

Completed an intensive course covering core Computer Science concepts and practical programming skills. Some topics included:

- Algorithm analysis, Big O, searching, sorting
- Programming: **C**, **Python** and **SQLite**, Low-level programming, problem-solving memory management, pointers, data structures, relational databases, queries and CTEs
- Web: **HTML5/CSS3**, **JavaScript** and **Flask**
- Cybersecurity: encryption, hashing, best practices
- Hands-on projects: applying Computer Science and Software Engineering principles, culminating in a final capstone project

Skills

Programming

- **Python** (OOP, RPA & SAP, Pandas, PySpark) | 3+ yrs
- **SQL & NoSQL** (PostgreSQL, MySQL, SQLite, MongoDB, Redis) | 3+ yrs
- **JavaScript** (Web Applications, DOM, Node.js) | 4+ yrs
- **Java & C** (OOP, JDBC) | 1 yr

Methodologies

- **Agile** (Agile Software Development & Project Management)
- **Scrum** (Advanced Scrum, Sprints, Backlog Management, Retrospectives, Jira)
- **Teamwork, communication & leadership**

Languages

- **English** - Full Professional Proficiency (C1+)
- **Portuguese** - Native

EXPERIENCE

Cloud Data Analyst

[PicPay](#) • Mar 2025 - Present

PicPay is the Brazil's best digital bank by the popular vote (iBest of 2024). As a **Data Analyst**, my main responsibilities were to create efficient decision-making reports (for the Corporate HR & other areas) using the **Oracle Cloud Database**. Mainly using **SQL**, **Excel/Tableau/Power BI** and other tools. At the same moment I had time to study for several courses on LinkedIn, **PMI**, **NASBA**, **BotCity**, **Databricks** and got over 25 different certificates, while doing these courses I also had time to put them into practice, for example I put in practice **Scrum** on all the projects and, mainly, on the final paper.

PROJECTS

Magic Formula Stock Screener • Jul 2024

A Python-based tool that automatically generates a diversified investment portfolio using Joel Greenblatt's Magic Formula Investing strategy. It ranks stocks and return the top n, to maximize potential returns while ensuring diversification. It helps investors identify undervalued, high-quality companies and construct data-driven portfolios for long-term outperformance.

HiveMind • Feb 2025 - Present

HiveMind is a platform designed to connect data, processes, and decisions across organizations. It leverages real-time data analysis, AI-based decision, microservice orchestration, and collaborative knowledge sharing in order to reduce microstops. As a Data Scientist of the app I:

- Developed, trained, and managed Machine Learning models.
- Contributed to the integration of intelligent services within the platform to enhance automation and collaboration.
- Led a team of Data Analysts

TrocaTine • 2024 - 2025

TrocaTine is a platform that permits users to exchange and sell children's items, such as clothes, shoes, accessories, toys, and more. As a Software Engineer, my responsibilities were to create and manage the main projects, like the Landing Page (made with HTML/CSS/JS, Java, JDBC and JSP), and help engaging with the whole project idea development, research for desired public, estimated cost and predict/estimate profit.