

# Guilherme Barroso

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github.com/GuilhermeBarroso-sys

## EDUCATION

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### Estacio

Bachelor of Information Systems

January 2022 - Present

GPA 9,67

## WORK EXPERIENCE

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### Automate Army

Software Engineer – Part time

Denver, Colorado, United States

September 2022 - Present

- Responsible for writing queries to fill a dashboard of events and budgets;
- Heavily used retool, famous platform to build interfaces;
- Data storage in Postgres, a relational database for consulting all the data to fill the dashboard.

### Zenvia

Software Engineer – Full time

São Paulo, São Paulo, Brazil

February 2022 - Present

- Responsible for creating chatbots and APIs with node.js, serverless framework, and microservices architecture;
- Developed a cron API that sends an email report to customers in business days;
- Responsible for creating unit tests using jest framework to ensure the integration of code.

### Pmovel

Software Engineer – Full time

Volta Redonda, Rio de Janeiro,  
Brazil

March 2021 – February 2022

- Responsible for code maintenance and the development of new features using Node.js, PHP, Bootstrap, MySQL, and AWS;
- Implemented documentation and some design patterns to facilitate code maintenance and future new features;
- Responsible for implementing indexes and writing good queries to increase relational database performance.

## MAJOR PROJECTS

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### EFinance

2022

A finance project that helps expenses control.

- Developed with React on frontend;
- The backend was implemented as a RESTful API based on node.js with Typescript, Express.js and MySQL
- Implemented user authentication with JWT.

### Todo list

2022

A simple Todo list to organize tasks inspired by Notion.

- The frontend was developed with React and Tailwindcss.
- The Backend was deployed on a lambda function with Api Gateway, using Serverless Framework and Node.js
- Implemented user authentication with JWT.

### Webchat

2022

A simulation of an online chat.

- Implemented using React and Socket.io and a local server with a database in memory to save the messages.

### TMDB

2022

A website that contains trending's movies information.

- Implemented TMDB Api to get movies data;
- Front-end with React and Bootstrap framework;
- Implemented user authentication with JWT.

## SKILLS

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### PROGRAMMING LANGUAGES

2 years: JavaScript  
1 year: PHP  
6 months: Python, C, C#, C++, Java

### TECHNOLOGIES

HTML, CSS, Node.js, Express, Typescript, React, Prisma Orm,  
Socket.io, SQL, DynamoDB (NoSQL), Git, AWS, Heroku,  
Unix/Bash, Unit tests (Jest), Docker, Serverless, GitHub Actions