

# Tarcísio Girolardo

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*Senior Software Engineer*

## Employment

January 2024 – **Bosch**, *Senior Software Engineer*, Campinas, Brazil - Remote.

- Present
  - Languages used: Javascript, Java, HTML5, CSS3
  - Working as Senior Software Engineer using React for frontend, Java and Spring for the backend, Selenium, Cypress and Playwright for testing
  - Developing new features and fixing bugs iterated through Jira board using SCRUM
  - Writing integration tests (E2E) using Selenium Cypress, Playwright
  - Working with Jenkins for continuous delivery and continuous integration

July 2022 – **Spocket**, *Frontend Engineer*, Vancouver, Canada - Remote.

- January 2024
- Languages used: Javascript, Typescript, Python, HTML5, CSS3, YAML
  - Worked as Frontend Engineer using React and it's ecosystem (CRA, Next.js, using ES6+, React Hooks, React Query, Redux, Context API, Jest, RTL and our design system)
  - Maintained overall codebase, keeping all libraries updated
  - Developing new features following company's code standards and best practices. iterated through SCRUM from the board using Zenhub, Jira and Monday to manage
  - Refactoring old components to ES6+ (class components to functional components).
  - Created unit tests guide to help the team.
  - Developed new unit tests and improved the unit test percentage
  - Implemented a new CI/CD pipeline using Github Actions, AWS S3 and Cloudfront
  - Actively involved in a Django web app using React as frontend
  - Worked in side projects using Next.js for our suppliers

April 2021 – **Dasa**, *Software Engineer*, São Paulo, Brazil - Remote.

- July 2022
- Languages used: Javascript, Typescript, HTML5, CSS3, YAML
  - Worked as Frontend Engineer with React (using ES6+, React Hooks, Context API, React Testing Library and Ant Design)
  - Developed new features and fixed bugs iterated through SCRUM from the board using Jira
  - Refactored old components to ES6+(class components to functional components), improving the DX of our design system
  - Created a code standard based on the best practices community
  - Created new unit tests and improved the test coverage of the codebase to 80% (company standards)
  - Improved the CI/CD pipeline using Jenkins reducing problems and time on processing (30% decreased)

- August 2020 **Softwrap**, *Full Stack Engineer*, São Paulo, Brazil - Remote.
- April 2021
- Languages used: Javascript, Typescript, HTML5, CSS3
  - Worked with React and React Native, Node.js, Firebase and Docker
  - I was responsible to coordinate a specific team for the development of a hybrid application using React Native and Firebase for meal tickets from a disclosed company
  - Led a team of 3 developers
  - Helped and taught the less skilled developers
  - Created a pixel perfect React Native application for accountability of accounting firms
- February 2020 – June 2020 **SmartEnvios**, *Full Stack Engineer*, Ribeirão Preto, Brazil.
- Languages used: Javascript, HTML5, CSS3, Shellscript
  - Worked as Full Stack Engineer with React, Gatsby, TailwindCSS, Node.js, PostgreSQL, MongoDB and Docker
  - Created company's website using Gatsby and TailwindCSS
  - Developed crawlers using Node.js, Puppeteer and Cheerio for scraping and crawling
  - Deployed on LightSail, uploading the exchange data to S3 and registering all operations in PostgreSQL
  - The monitoring process was done using PM2 and the deploying of this related service

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## Education

- 2012 – 2020 **BSc in Biomedical Informatics**, *Universidade de São Paulo*, Ribeirão Preto, São Paulo, Brazil.
- During my BSc in biomedical informatics I worked as a intern researcher in bioinformatics
  - Gained expertise in data analysis using R, more specifically ggplot2, tidyr, dplyr, bioconductor packages (like limma and GEOQuery), and the creation of dashboards using Shiny
  - Also had classes such as Algorithm and Data Structures, Object Orient Programming, Databases and SQL, Machine Learning, Operating Systems and Distributed Systems
  - Learn the basics of C, C++, Java and R