

# João Guilherme Gabriel Dematte

Software Engineer

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## Skills Summary

- Proficient in Javascript (and Typescript).
- Exquisite knowledge in React with 4+ years of amateur experience and 2 years of professional experience.
- Great understanding of APIs with REST pattern and amateur knowledge in GraphQL.
- Understanding of Data Structure (and also sorting, binary search trees and graph search algorithms) with academic experience (tutorship).

## Work Experience

- **Neomind** October 2022 - Present  
*Software Engineer*
  - Development of a component library using React, always aiming to implement WAI standards.
  - Development of the new forms engine (core of the product) using the components created in the component library.
  - Integration of the new forms engine in the web and mobile system.
  - **Technologies:** Javascript, Typescript, Node.js, React, Microsoft SQL Server, Amazon Web Services (AWS), Docker, Git, HTML & CSS.
- **Rapidsoft** February 2022 - October 2022  
*Software Engineer*
  - Maintenance and development of new features of a contracting management system (outsourced work) built with Javascript. Front-end developed in React and back-end with Express and Sequelize as a REST API.
  - Deployment using Buddy Works and Amazon Web Services (AWS).
  - **Technologies:** Javascript, Typescript, Node.js, React, Next.js, MySQL, PostgreSQL, Amazon Web Services (AWS), Redux, Docker, Git, HTML & CSS.

## Education

- **Santa Catarina State University (UDESC)** Joinville, SC - Brazil  
*Bachelor's Degree in Computer Science*
  - Scholarship monitor for the Data Structure subject, responsible for helping students with questions about the subject and helping the professor with everyday academic tasks (correcting homework, preparing tests...)
  - Former member of COLMEIA (Extension Group on Free Software and Hardware), responsible for creating short courses, lectures and applications for community use.

## Side Projects

These are projects that I carry out to test and improve my knowledge, developing everything from the design of the application to its architecture and coding.

- Chessmemo (game to memorize the coordinates of the chessboard)
  - **Built with:** Typescript, Next.js (React) & Tailwind.
  - **Demonstration:** <https://chessmemo.vercel.app/>
  - **Repository:** <https://github.com/joaoedematte/chessmemo>
- Real-time chat application
  - **Built with:** Typescript, Next.js (React), Tailwind & Bun.
  - **Demonstration:** <https://wschat-web.vercel.app/>
  - **Repository:** <https://github.com/joaoedematte/wschat>
- Personal website
  - **Built with:** Next.js & Tailwind.
  - **Demonstration:** <https://dematte.vercel.app/>