

# Alexandre Santos

Full-Stack Engineer (Web Developer)



## Contact

### Personal

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### Social / Portfolio

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- <https://github.com/santos-al>

## Professional Summary

Detail-oriented Full-Stack Software Engineer with a strong passion for programming and software development, complemented by a solid foundation in finance and business. Proficient in the MERN stack, with hands-on experience in building dynamic web applications and managing end-to-end development processes. Adept at collaborating within team environments to drive innovation and deliver high-quality solutions.

## Work Experience

### Tech-Sync, Bergen County, NJ Full-Stack Developer

Sep. 2024 – Feb. 2025

- Architect and implement a robust MERN Stack application. With authenticated user login capabilities using JWT.
- Leverage Bulma and React to create dynamic, responsive front-end multi-page applications.
- Craft intuitive UX/UI designs that enhance user-friendliness, contributing to a more enjoyable user experience.
- Utilize git and github to collaborate with other developers.
- Implement RESTful APIs to connect the front end and back end, ensuring efficient data flow and enhancing application functionality.
- Utilize MongoDB for efficient data storage and retrieval, implementing data modeling strategies to optimize application performance and scalability.

### ConnectOne Bank, Ridgewood, NJ Banking Relationship Specialist

Aug. 2022 - Sep. 2024

- Support the Bank's "client first" focus and rules of engagement.
- Perform account opening for deposit products and educate clients on the bank's product and service offerings.
- Ensure all activities, transactions and records follow operational, security and control procedures of the Bank, preventing fraud and protecting customer assets.
- Work with other branch team members on loan transactions and operational matters.
- Perform Teller functions, accepting deposits, cashing checks, and assisting clients with other banking needs, and branch opening and closing as needed.

## Projects

### React Task Manager

This application is built using React and Tailwind CSS, providing users with a sleek and responsive interface for managing their projects and tasks. Users can create new projects with specific due dates and, within each project, add tasks that can be marked as completed. The application stores all data in local storage, ensuring that users' information is retained even after refreshing the page. Utilizing React hooks such as useState, useRef, and useEffect, the app efficiently updates the user interface in response to user interactions, creating a dynamic and engaging experience for task management.

## MySQL Employee Tracker

The MySQL Employee Tracker is a command-line application designed to help manage and track employee information within a company. Built using Node.js and MySQL, this application allows users to perform CRUD (Create, Read, Update, Delete) operations on employee data directly from the terminal. Utilizing the Inquirer package, it prompts users for input, making it easy to add, view, update, or remove employees, departments, and roles. This tool serves as a solution for managing a company's workforce efficiently.

## ExpressJS Note Taker

This Note-Taking Application is a web-based tool that enables users to create, save, and manage their notes directly in their web browser. It utilizes a local database to ensure that notes are securely stored and easily accessible whenever needed. Users can create new notes by entering a title and content, view all saved notes in a list format, and delete notes they no longer require. Built with Express.js and Node.js, the application leverages the file system for persistent storage, ensuring that data is retained even after closing the browser.

## Skills

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### Programming Languages

- Javascript / Typescript
- HTML
- CSS
- Python
- SQL

### Languages

- English (Native)
- Portuguese (Native)
- Spanish (Conversational)

### Frameworks and Libraries

- MERN Stack
- React
- MongoDB
- Node JS
- Express JS
- Bulma
- Tailwind
- MySQL
- Vite

### Other Software Skills

- Figma
- Canva
- Git (Github)
- CLI (Zsh, Bash)
- Foundation AI Knowledge
- Prompt Engineering