

# Billy Brown III

Software Engineer

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## TECHNOLOGIES

JavaScript

React

Node.js

TypeScript

Gatsby

Git

HTML

CSS

Tailwind

MongoDB

MySQL

Adaptable software engineer with experience in the tech field, seeking to transition to a development role in the modern JavaScript ecosystem. Proficient in React and Node, and passionate about visual design and algorithm challenges.

## EXPERIENCE

### Rule Developer

(Apr 2019 - Present)

Transcepta LLC

- Teaching our system to extract key info from documents in a wide variety of formats.
- Performing programming tasks using vbScript, JavaScript, Regular Expressions, and MySQL.
- Volunteering to train new hires. Becoming the sole training coach, onboarding over 10 new team members in the span of two years.
- Producing internal learning resources, enabling more efficient ramping up of new hires and enhancing quality of work across the team.

### Open Source Contributor

(Jun 2022 - Present)

Various projects

Contributing code, fixing bugs, and making improvements to written content.

Major projects contributed to:

- Gatsby
- freeCodeCamp
- Full Stack Open

## PROJECTS

### Bonsai Notes

TypeScript / React / Node.js / Tailwind

A note-taking web application. It allows the user to categorize their notes using folders, which can be nested to any depth.

My goal with this project is to create a fully-featured and intuitive note-taking experience, without the steep learning curve found in other note-taking apps. It's a work in progress, and [current progress can be viewed on Github](#). It uses React for frontend logic, Tailwind for styling, and Object Oriented Programming principles to keep track of the user's notes.

### Project Euler

JavaScript / Mathematics

A series of difficult algorithm challenges. Solved first 30 problems and counting. [Progress tracked on Github](#).

### Budget Snapshot Tool

JavaScript / React / MaterialUI

A web app that enables easy creation of a personal monthly budget. Allows the user to make changes and quickly visualize how their financial picture looks under different circumstances.

## CERTIFICATIONS

### Responsive Web Design

freeCodeCamp

### JavaScript Algorithms and Data Structures

freeCodeCamp

### Front End Development Libraries

freeCodeCamp