Billy Brown III

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EXPERIENCE

RF-SMART
Dec 2022 – Present

Software Engineer II, JavaScript / SQL

- Using JavaScript, TypeScript, Node, and Oracle SQL to develop the company's WMS (Warehouse Management Solution) products.
- Providing comprehensive test coverage for code contributions using Jasmine and Jest.
- Contributing to Agile/Scrum ceremonies by estimating work efforts and tracking story dependencies.
- Collaborating with Product Owners to architect and streamline early feature development; implemented a more agile and iterative approach, leading to a 50% improvement in time taken to deliver usable prototypes and start collecting user feedback.
- Acting as the team's Git expert, leading the successful merge of a year-long feature branch with hundreds of merge conflicts. Enabled deployment and QA pass within a single 2-week sprint—achieving this in one-third the usual time.

TRANSCEPTA LLC
Apr 2019 - Dec 2022

Software Developer

- Developed scripts to automate data extraction and interpretation from various document formats (PDF, XML, CSV, EDI).
- Wrote code for internal desktop applications using JavaScript, vbScript, XSLT, and SQL.
- Mentored and onboarded 5+ new hires, freeing up team leads and enabling the team to scale.

TECHNOLOGIES

Core Development Skills:
JavaScript • TypeScript • SQL • React • Node • Git • Jasmine • Jest

Additional Tools and Frameworks:
Express.JS • MongoDB • C# • ASP.NET Core Next.JS • Heroku • Netlify • Gatsby

PERSONAL PROJECTS

BONSAI NOTES
⤴ BONSAINOTES.COM

- A note-taking web app, built using TypeScript and React, that features an elegant "branching-tree" design.
- The user can have note pages and folders side by side, and can nest folders to any depth.

PROJECT EULER
⤴ View Solutions

- A famous set of difficult math & algorithm problems.
- Solved the first 30 problems using JavaScript.

BUDGET SNAPSHOT TOOL
⤴ MONTHLYBUDGET.NETLIFY.APP

- Offers the functionality of an excel-based monthly budget template, but in a UI that is much more intuitive and user-friendly.
- Built using JavaScript, React, and Material UI.

CERTIFICATIONS

RESPONSIVE WEB DESIGN
freeCodeCamp

JAVASCRIPT ALGORITHMS AND DATA STRUCTURES
freeCodeCamp

FRONT END LIBRARIES
freeCodeCamp