

AMBER MORRIS

SOFTWARE ENGINEER

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SUMMARY:

Experienced Full Stack Engineer with 2+ years of hands-on experience in software development; proficient in technologies like React, Redux, Node.js, and Java; collaborative team player with experience working in agile environments; familiarity with CI/CD pipeline processes; passionate JavaScript tutor on Wyzant, mentoring students and junior engineers in a variety of frontend and backend technologies.

TECHNICAL SKILLS

Front End: React, Redux, Javascript ES5/ES6, HTML5, CSS, Bootstrap, Material-UI

Back End: Node.js, Express, Java, Spring Boot, GraphQL, MySQL, PostgreSQL, Sequelize, Hibernate, MongoDB, Mongoose, Docker, Axios, Guice

Testing: Mocha, Chai, Jest, Enzyme, JUnit, Groovy

Developer Tools: Git, NPM, Webpack, Babel, Docker, Grafana, New Relic, Netflix Conductor, JIRA, AWS, Heroku

EXPERIENCE

Software Engineer - Redfin

Sep 2021 - Nov 2022

- Worked within Redfin's iBuying organization alongside product and analytics teams to build scalable, highly-reliable, cloud-based Java microservices and UI features
- Owned, scoped, estimated, and tracked several features end-to-end

Neighborhood Details Section

- *JavaScript, ReactJS, GraphQL, Java, Spring Boot, Hibernate, PostgreSQL*
- *Designed and implemented a UI feature to showcase comprehensive neighborhood data for property listings*
- Translated product designer's mockups into a polished frontend using React
- Leveraged Hibernate for seamless integration with external data sources
- Crafted a GraphQL schema to efficiently package and display data within the frontend

Automated Offers

- *Java, Netflix Conductor, PostgreSQL*
- *Developed a service to automatically generate purchase offers in response to property inquiries*
- Integrated Redfin services with Conductor to replicate and visualize document review process
- Significantly streamlined a critical workflow for Redfin agents, enhancing overall operational efficiency

Offer Score Optimization

- *Java, JavaScript, ReactJS, PostgreSQL, Spring Boot*
- *Engineered a service to ensure all purchase deals achieved an ideal offer score of 100*
- Implemented an efficient backend object method to collect and calculate offer score data using Java
- Optimized the React component that holds this data by moving its existing calculations to the backend

JavaScript Tutor - Wyzant

June 2021 - Present

- I tutor students and junior engineers in problem-solving skills, code debugging, and the following subjects: Vanilla JavaScript, React, Redux, Node.js, Express, HTML, and CSS

OTHER PROJECTS

Jane Rosenzweig DE&I Consultant - janerosenzweig.com

- *JavaScript, React, Node.js*
- *Business portfolio and blog app for a client*

Blockchains Explained - [Github](https://github.com)

- *JavaScript, React, Node.js*
- *Web app that uses live block data from Bitcoin API to explain how Blockchain technology works*

Dig It - [Github](https://github.com)

- *JavaScript, React, Node.js, Python, Flask, PostgreSQL*
- *Feature for collecting and storing music listener data*

EDUCATION

Hack Reactor

Mar 2021 - June 2021

- Advanced Software Engineering Immersive