HARPAL ASSI

Software Engineer
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GitHub: github.com/harpalassi | **Portfolio:** harpalassi.com | **LinkedIn:** linkedin.com/in/harpal-assi

TECHNICAL SKILLS

Front-End: JavaScript, React, React Native, TypeScript, Apollo Client, Sass, HTML5, CSS3
Back-End: Node.js, Apollo Server, Express, SQL, MongoDB, Firebase, Knex, Objection.js, Mongoose, Handlebars, OAuth
Tools: GraphQL, Git, Jest, Webpack, Babel, SSH, ZSH, Mocha, Chai, Docker

EXPERIENCE

Full-Stack Software Engineer - *Advanced POS -* Austin, TX   **12/2019 - Present**
- Building features for an Android-based modern point of sale system and its corresponding admin website
- Utilizing technologies such as JavaScript, TypeScript, React, React Native, Node.js, Apollo, GraphQL, PostgreSQL
- Creating unit and integration tests on the front and back-end using Jest, Mocha, and Chai
- Leveraging test-driven development and Agile methodologies for effective engineering strategies
- Participating in design meetings for API and application layouts

Web Developer - *Self-Employed* **-** Austin, TX   **01/2019 - Present**
- Creating clean and responsive websites for clients such as Bluebonnet Records and SetlistSpy
- Contributing to open-source software including IBM's Carbon Design System
- Working with technologies such as React, JavaScript, HTML5, CSS3, Flexbox, Sass, Webpack

Written Communications Specialist — *American Cancer Society -* Austin, TX   **01/2012 - 12/2019**
- Resolving website issues and communicating detailed solutions to constituents via live chat, email, and social media
- Working daily with CRM software such as Salesforce, Social Studio, CyberSource, Spredfast, Blackbaud, Gigya, and Siebel

SELECTED PROJECTS

Bluebonnet Records | github.com/harpalassi/bluebonnet-records
Deployed @ bluebonnet-records.com *- temporarily re-directs to their online store due to COVID-19.*
Mobile-responsive website created for the client, Bluebonnet Records, located in Lockhart, TX.

- Built front-end interface according to design specs and showcased shop details, links to maps, social media, and web stores.
- Technologies Used: JavaScript, Node.js, CSS3 Flexbox & Grid, Webpack, HTML5, SVGs, Google Sheets

CarMate | github.com/harpalassi/car-mate
Deployed @ carmateinfo.herokuapp.com/
Full-stack app with authentication in which users can keep track of their vehicle's maintenance and preventative measures.

- Built an API on the backend to make calls to retrieve specific car data, save user car maintenance details to a MongoDB database, and render them to the user while logged in.
- Technologies Used: React, React Router, Node.js, Express, Material UI, MongoDB, Passport.js, Mongoose

All My Books | github.com/harpalassi/all-my-books
Deployed @ all-my-books.herokuapp.com
Full-stack app that allows users to search, save, and delete books of interest via Google Books API.

- Utilized React and React Router to create a single page application and tie it to a back-end database via Mongoose.
- Technologies Used: React, Express, MongoDB, React Router, Node.js, CSS Flexbox, Mongoose, Axios

EDUCATION

University of Texas at Austin - Austin, TX - **JavaScript Full Stack Web Development**
- Skills learned consisted of React, HTML5, CSS3, JavaScript, jQuery, Bootstrap, Firebase, Node.js, MySQL, MongoDB, Express, PHP, Laravel, User Authentication, and Handlebars.js

University of Texas at Dallas - Richardson, TX - **Bachelor of Science, Finance**
- Relevant Coursework: Applied Calculus I & II, Matrices, Vectors & their Application, Probability and Statistics for Management, Database Fundamentals, Production Management, Strategic Management