



Nicholas Varelas

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Work History

DealerSync

Sep 2019 - Present

Software Engineer

Long Beach, CA

- Worked closely with product managers to build and maintain a SaaS platform while following the best practices of agile development.
- Consumed third party API's with XML and JSON payloads adhering to provided documentation. Enacted jobs to push to the API at specified times with appropriate logging.
- Implemented and enhanced SQL stored procedures, views, and functions increasing performance while adapting to the latest requirements.
- Automated the transmission of delimiter separated values files to third parties by abstracting the creation of the files to abide by their individual guidelines.
- Integrated new dynamic client side features using AJAX with cross browser capability in mind. Connected to Azure Blob Storage to inject static web content which would be frequently updated.

Skills

Languages: C#, JavaScript, Java, HTML, CSS, SQL

Frameworks/Technologies: React.js, Node.js, MongoDB, Express, jQuery, Bootstrap, Postman, Git

Projects

Cursive Made Easy

- Mobile application developed in Android Studio using Java designed to teach cursive.
- Created images and tracing animations in After Effects to demonstrate proper cursive handwriting for all letters. Generated an algorithm which calculated pixel colors within bitmaps to ensure user traces were within boundaries and followed proper procedure. Added animations to provide an interactive and engaging user experience.
- Used ConstraintLayout for flexible and responsive XML layouts for different screen sizes.
- Deployed on the Google Play Store and Amazon App Store.

Drink DB

- Full stack web application built utilizing JavaScript frameworks which acts as a reference to recipes and necessary ingredients for various cocktails. Features a live search, the ability for users to submit new drinks, and an admin UI for data handling.
- The RESTful backend created with Node.js, Express, and MongoDB returns JSON data for all requests. JWT were stored in cookies for authentication and access to protected routes.
- The frontend was written in React.js using styled-components for the CSS.

Education

California State University Long Beach

Sep 2015 - May 2018

Bachelor Of Science in Computer Science

Long Beach, CA

GPA: 3.3

Goldenwest Community College

Sep 2012 - Dec 2015

Associate of Arts

Huntington Beach, CA