

GYUWON DO

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Experience

Frontend Developer

May 2021 - Present

Actionfigure – Washington, DC

- Acting as the main developer of a React and a Next.js product that the company is actively marketing, and a backend API involving Node.js that every company app communicates with
- Slashed company's technological operating costs by analyzing and replacing third party sources with cheaper and more efficient tools
- Managed frontend analytics in multiple applications by sending necessary data to Google Analytics and a custom database I created using PSQL
- Added themes and customizable frontend features to meet different clients' standards
- Implemented Sentry to frontend applications to track errors and replicate any issues the clients may have experienced
- Wrote unit tests for frontend products using Cypress

Software Developer/ Analyst III

Oct 2020 - March 2021

Ernst and Young – San Antonio, TX

- Developed a capital management application to digitize an existing manual quarterly reporting process
- Wrote the team's coding guidelines and principles to fit Appian best practices and to help the team write more efficient code
- Built Appian Web APIs to make REST API calls that gather and store the JSON formatted financial data into a local SQL data store
- Recreated SQL views and data queries within Appian system to improve application performance

Software Consultant

Jul 2019 - Oct 2020

Macedon Technologies – Reston, VA

- Developed an application to process incoming PPP loan requests and their corresponding forgiveness amount
- Created Appian integrations to fetch and send data to the relevant Small Business Administration APIs
- Replaced legacy views in OracleSQL to accelerate performance of the client's deposit account opening system
- Lead scrum sessions with a team of clients and developers to build a credit card approval system

Projects

Tration

- Collaborated with 2 Agile developers to create a mobile app that helps a user track their health goals
- Used React Native and Javascript to develop the mobile app's UI and core functionalities
- Handled data storing and fetching from Firebase and tested each function using Postman
- Served the team as a scrum master by following Agile methodologies and holding regular scrum sessions

Toilet Finder

- Lead a team of 4 Agile developers to build a crowdsourced bathroom finding application in React Native
- Implemented Google Maps API to build a navigation system that finds the shortest path to a chosen bathroom
- Automated the testing and deployment process by using Jenkins

Skills

Computer Languages: Javascript, Python, Java, HTML/CSS, Appian, C

Technologies: React, React Native, Next.js, Node.js, Express.js, Passport.js, Bcryptjs, SQL, PSQL, MySQL, OracleSQL, MongoDB, Firebase, Git, Google Analytics, Cypress, Command Line, Sentry, Jenkins, Postman, Heroku, NumPy, Pandas, MS Office

Misc: Agile, Korean, German

Education

Bachelor's Degree, Computer Science

Aug 2015 - May 2019

New York University – New York, NY