

# MOHMEDHUSAIN VAID

Chicago, IL 60625 | [Mohmedvaid@gmail.com](mailto:Mohmedvaid@gmail.com) | (312) 975 2811

LinkedIn: <https://www.linkedin.com/in/mohmedvaid> | Github: <https://github.com/mohmedvaid> |

Portfolio: <https://www.mohmedvaid.com>

## PROFILE SUMMARY

Full Stack Developer who is proactively and continually improving knowledge in technologies. Loves to build responsive high-quality software web applications that can improve our everyday lives and make us more productive. Applied engineering background to build efficient, stable applications for clients to make the most of their ideas.

## TECHNICAL SKILLS

**Programming Languages:** JavaScript, Java, Python, HTML5, CSS / CSS3,

**Web Technologies:** Node JS, Express, React / Redux, Webpack, jQuery, Bootstrap, Ajax, JSON, npm, REST API, Jest, Mocha

**Database:** SQL, MySQL, MongoDB, Sequelize

**Tools:** Git, Jira, Bigbucket, Selenium, Postman, JMeter, Smartsheets, G-suite, Jenkins, WordPress, Shopify, Magento

**Methodologies:** Agile / Scrum Software Development

**Proficiency:** Computer Science fundamentals in data structures, algorithm design, problem-solving, and complexity analysis

## TECHNICAL PROJECTS

**Fetch** | GitHub: <https://github.com/raise-da-woof/fetch> | Live site: <https://fetch-woof-312.herokuapp.com>

- MERN stack web app for connecting dog-owners and fostering new furry friendships
- Implemented server back-end functionality, set up API routes, dataflow, and frontend functionality
- Tools: Javascript, MongoDB/Mongoose, Express, React, Redux, Node, Passport, Bcrypt, Materialize

**Shift Scheduler** | GitHub: [github.com/Mohmedvaid/cr-shift](https://github.com/Mohmedvaid/cr-shift) | Live site: [cr-shift.herokuapp.com](https://cr-shift.herokuapp.com)

- Built and deployed a full-stack application for QA lead to organize CR (Change Request) testing schedules for QA testers
- Conceptualized and built frontend, backend, data flow, shift organizing algorithm, navigation, and API routes
- Tools: jQuery, Bootstrap, google fonts, Node.js, Express, MongoDB, flexbox, CSS grid, third party giphy API

**Weather App** | GitHub: [github.com/Mohmedvaid/weather-app](https://github.com/Mohmedvaid/weather-app) | Live site: [mohmedvaid.github.io/weather-app](https://mohmedvaid.github.io/weather-app)

- A simple web application that displays weather information of any city in the world using OpenWeatherMap and weather bit API
- Implemented front end design and wrote API calls to retrieve weather data according to user response
- Tools: JavaScript, jQuery, browsers local storage, REST API

## EXPERIENCE

**Realnets, Park Ridge**

**JavaScript Web Developer**

02/2021 - Present

Developed responsive web and B2B applications using JavaScript, PHP, Node.js, React, HTML/CSS. Worked across the software development life cycle to gather user requirements and build and maintain the code for the clients' products.

- Designed and developed frontend UI with HTML, CSS, JavaScript, and jQuery by implementing an agile method of development.
- Build backend from scratch using Node.js and Express, designed APIs for client's usage and structured MySQL database to save data in organized manner.
- Reduced many sites load time from 7+ seconds to less than 2 seconds with the knowledge of asynchronous functions and AJAX in JavaScript resulted in increase of sales to 25%
- Remodeled the client's paper-based database to be SQL-based by building the backend using parametrized query written in JavaScript mongoose; reduced the code redundancy by 60%.

- Wrote SQL queries to clean up the database and added data validation queries for many old projects to prevent bad data and implemented an error handling function template that saved hours of times for the internal team
- Determined the causes of website glitches and bugs using HTML source code and QA methodologies
- Performed end-to-end testing manually and with unit tests using mocha, jest, and Sinon js
- Diagnosed errors and implemented solutions in a fast passed environment, worked with various defects and projects as a support for the Front-End and Back-End teams as well as clients.
- Performed many highly complex debugging tasks with very few available reference resources
- Wrote complex queries in SQL and NoSQL in MongoDB, mongoose, and MySQL

**Americaeagle.com**, Des Plaines  
**Quality Assurance Engineer**

09/2019 - 02/2021

Analyzed technical design documents, system requirements, and business requirements. Designed and implemented functional test plans and test cases based on system understanding and analysis of functional and system specifications. Actively participated in kick-off meetings, daily stand-ups, and weekly scrum meetings, provided QA status updates on different user stories. Performed end-to-end testing manually

- Attended sprint planning sessions, user story grooming sessions, and retrospective meetings in a rapid and effective agile environment.
- Executed QA processes automation test scripts using Selenium to test web-based user interfaces for different types of browsers. Validated the data from front-end to back-end tables in Oracle Database using SQL queries.
- Performed end-to-end testing manually
- Developed and executed UAT test cases and scenarios, ensuring user requirements were met.
- Worked in various defects and projects as a support for the Front-End teams as well as clients.
- Supported multiple projects for defect support and coordination.
- Used Jira to report and track defects. Ensured that the severity level for the bugs was assigned properly and the highest severity bugs were resolved immediately so interacted with developers to resolve any defects and issues.
- Used Quality Center to perform functional testing.
- Ran automated smoke and regression testing using Selenium scripts.
- Generated weekly status reports on the project and sent them to QA Lead.
- Actively interacted with the Business Analyst and Dev team to identify bugs and retesting the resolved bugs.

## **EDUCATION**

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**Certificate in Full Stack Web Development:** Northwestern University, Evanston, IL

**Bachelor of Computer Science:** Western Governors University, Salt Lake City, UT