MOHMEDHUSAIN VAID

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Portfolio: mohmedvaid.github.io

PROFILE SUMMARY

Highly skilled Full Stack Developer with a strong passion for building efficient, stable, and responsive web applications using modern web technologies. Proven expertise in developing software solutions and implementing them to solve complex business problems. Proficient in Agile/Scrum software development methodology and experienced in working closely with cross-functional teams to deliver high-quality products.

TECHNICAL SKILLS

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

Web Technologies: Node JS, Express, React / Redux, React Native, Webpack, jQuery, Bootstrap, Ajax, JSON, NPM, REST API Build and Integrate with third party API's, Jest, Mocha, Cypress, Selenium

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, stacks, heap. Working knowledge Chat GPT, open AI

TECHNICAL PROJECTS

Fetch | GitHub: github.com/raise-da-woof/fetch | Live site: fetch-woof-312.herokuapp.com
Shaker | GitHub: github.com/JSON-D3RULO/shaker | Live site: json-d3rulo.github.io/shaker
Spacetagram | GitHub: github.com/Mohmedvaid/spacestagram | Live site: mohmedvaid.github.io/spacestagram
Weather App | GitHub: github.com/Mohmedvaid/weather-app | Live site: mohmedvaid.github.io/weather-app

EXPERIENCE

Software Engineer
Walgreens, Chicago IL (06/2022 - Present)

- Engineered a comprehensive tool using the MERN stack that automates the renewal of internal certificates, eliminating manual processes. Successfully deployed on Azure with a robust CI/CD pipeline, enhancing operational efficiency and security compliance.
- Designed and developed chatbot applications using GPT and other AI frameworks that improved customer engagement and satisfaction by 40%.
- Conducted JMeter load testing and monitored application performance using Zabbix and ELK stack, resulting in a 30% increase in application speed.
- Built and maintained full-stack applications using MERN stack (MongoDB, Express, React, and Node.js), contributing to the development of 3 new applications.
- Resolved 80% of memory issues and other problems in RedHat Linux servers, resulting in a more stable and reliable system.
- Collaborated with cross-functional teams, including UX designers and product managers, to improve application performance and user experience, resulting in a 25% increase in user retention.
- Contributed to the development of new features and functionality, ensuring timely and quality delivery of 6 new features.
- Implemented agile methodologies, including Azure pipelines and Kubernetes, to streamline development processes and reduce time-to-market by 35%.

Automation Engineer
Americaneagle.com, Des Plaines, IL (09/2019 – 06/2022)

- Developed and optimized Cypress and Selenium automation frameworks, enhancing system maintenance and release quality, in collaboration with cross-functional teams.
- Created, executed, and maintained automation scripts using Selenium WebDriver, operating directly with software developers, test engineers, product owners, business analysts, and project leaders.
- Analyzed technical design documents, system requirements, and business requirements, designing and implementing functional test plans and test cases based on system understanding and analysis of functional and system specifications.
- Provided regular feedback to Scrum team for bugs/performance issues found during development lifecycle.
- Wrote unit tests using C#, JavaScript, and TypeScript, and used GIT for code repository.
- Modified scripts and executed them on multiple browsers such as Firefox, Chrome, IE 11, Edge, and Safari.
- Performed System testing, Regression Testing, and Multi Browser testing, wrote test cases for RESTful webservices, and performed end-to-end testing manually.
- Wrote complex queries to test and validate data from the website against databases.
- Attended sprint planning sessions, user story grooming sessions, and retrospective meetings in a rapid and effective agile environment.
- Supported Front-End teams and clients with multiple projects for defect coordination and resolution.
- Used Jira to report and track defects, ensuring that the severity level for bugs was assigned properly and the highest severity bugs were resolved immediately, and interacted with developers to resolve any defects and issues.
- 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 retest resolved bugs.

Full Stack Developer

Upwork, Freelance, Remote (07/2020 - 06/2022)

- Designed and developed frontend UI with HTML, CSS, JavaScript, and jQuery by implementing agile development methodologies.
- Built 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 load time of multiple sites from 7+ seconds to less than 2 seconds with the knowledge of asynchronous functions and AJAX in JavaScript resulted in increase of sales by 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.

EDUCATION

Certificate in Full Stack Web Development

Northwestern University, Evanston, IL

Bachelor of Computer Science

Northeastern Illinois University, Chicago, IL