**Professional Summary:**

System engineer background. Most recent working experience in Quality Assurance Analyst. Experience with SDLC under waterfall and agile environment. Advanced testing skills on cross-browser, cross-platform and data validation. Proficient in writing Test Plans, Test Cases, Test script, Requirement Traceability Matrix (RTM), and Defect Reports. Specific experience performing End-to-end testing, Smoke testing, Regression testing. Currently aspiring to take a career jump to programming-related role after completing full-stack developer training. My QA experience is valuable that helps in many ways on coding.

**Education:**

* June 2022 – Dec 2022: University of Arizona, Coding bootcamp
* Aug 2012 – Dec 2013: California State University, Northridge

Master of Science in Manufacturing System Engineering (GPA3.73)

* Aug 2008 – Jun 2012: Beijing University of Technology

Bachelor of Science in Mechanical Engineering (GPA3.2)

**Technique Expertise:**

|  |  |
| --- | --- |
| **Programming Skills:** | HTML, CSS, JavaScript, React.js, Node,js, OOP, REST API |
| **Database:** | MS SQL, MySQL, MongoDB |
| **Operating Systems:** | Windows OS, Windows Server, iOS, Android |
| **Tools:** | VS Code, Jira, Git, Teamcity, Selenium, Postman, Cypressm, SQL Server, Heroku |

**Development Project**

1. Full stack web application that used for restaurant. Customer can view the menu, placing new order, view order history & details including secure login and signup features.
2. Weather dashboard web application with dynamically updated HTML and CSS.

**Key technologies implemented:**

* Handlerbars.js as template engine to build dynamic HTML with Bootstrap polished interactive, responsive UI.
* MySQL and Sequelize ORM for database.
* Object/Class oriented programming.
* Algorithm to calculate order cost.
* Express.js for Rest API with CRUD operations.
* API keys and sensitive information are protected with environment variables as well as erxpress-session authentication.
* Use localStorage to store persistent data.

**Professional Experience**

**nQueue Billback LLC 2016 - Present**

**Quality Assurance Engineer**

nQueue Billback provides multiple products for workflow solutions including documents scanning, printing, routing and data management**.**

**Core Responsibilities:**

* Working under Agile environment and attend daily stand-up meeting and defect meeting, weekly sprint planning, and design review meeting etc.
* Cooperate with operation teams to trouble shoot issues from clients.
* Create and develop test plan and test cases for cross-platform testing based Figma design.
* Automation testing with Cypress and Jest.
* REST API testing using Postman and web page testing using Selenium.
* Window Server configuration like group policies, IIS web deployment.
* Perform Smoke testing for each build to verify main functionalities and bug fixes.
* Perform regression testing for the build which goes to official releases.
* Maintain multiple testing environment.
* File bug and track the bug fixes through Jira.
* Write JavaScript for automation testing tool TestComplete.
* SQL server configuration, table manipulation and writing SQL queries for data validation.

**Wells Fargo 2014 - 2016**

**Quality Assurance Engineer**

**Project 1 – Wells Fargo CEO** (**Commercial Electronic Office®)** **Transaction Search Redesign Testing:**

The purpose of this project is to redesign existing features of CEO ACH (Auto Clearing House) Inquiry. Transaction Search redesigned with a new front-end interface that utilizes the New Experience framework and standards. The consolidated product will preserve all existing functionalities.

**Core Responsibilities:**

* Working under Agile environment and attend daily stand-up meeting and defect meeting, weekly sprint planning, design review and retrospective meeting etc.
* Create and develop test plan and test cases for cross-browser and cross-platform testing.
* Execute ALM test cases on browsers (Chrome/Safari/IE8-IE11/Firefox) and mobile/device (Samsung, Moto, HTC and Apple) from physical devices and remote connection.
* Perform Smoke testing for each build to verify main functionalities, and regression testing for each new framework design.
* File the bugs with clear and concise details in Jira then link to corresponding user stories and synchronize to ALM.
* Support UAT testing for each production release and coordinated meetings with dev team and BA to discuss and troubleshoot major defects.