



## SUMMARY

- A proficient, skilled, and driven **software test engineer** with a robust **technical foundation**. Demonstrates **self-discipline** and excels in **working independently**.
- Demonstrated capability in developing **test cases** and executing **individual tests**.
- Adopts a results-**driven methodology** that emphasises **clear communication** among **team members** and the **product owner**. Eager to secure a position within a **thriving** and **forward-thinking organisation**.

## EDUCATION

### Bachelor Of Engineering And Technology

Kongunady college Of Engineering And Technology,  
7.2 CGPA

### Directorate Of Technical Education (DOTE)

JJ Polytechnic College,  
68% Overall

## SKILLS

### Programming Skills

- Java
- Javascript

### Frontend Testing

- Selenium
- Cypress
- Playwright

### Backend Testing (API)

- Postman
- REST-Assured

### Automation Frameworks

- BDD Cucumber
- Data-Driven
- TestNG
- JUnit

### Design Pattern

- Page Object Model (POM)

### Build Management Tool

- Maven

### Defect Tracking Tool

- Jira

### Source Code Management Tool

- Git

### CI CD Tool

- Jenkins

### Database Tool

- SQL

## PROFESSIONAL EXPERIENCE

### QA Engineer

Bigpearl Solutions Private Limited | 2021 - Present

- Possessing **3 years** of **IT software** expertise encompassing **Functional**, **UI Automation**, and **API testing**.
- Successfully integrated **Selenium Web Driver**, **Playwright** and **Cypress** utilizing **Java** and **JavaScript** for **automated testing**, resulting in a **notable 50% reduction** in **regression testing duration** and an enhancement in **software quality**.
- Proficient in implementing the **Page Object Model (POM) Design Pattern**, **Data-Driven**, and **Behavior-Driven Development (BDD) Framework** via the **Cucumber tool**.
- Demonstrated proficiency in utilizing **Selenium Web Driver** with **Java** for diverse sectors including **Finance/Trading**, **Travel**, and **E-commerce websites**.
- Proficient in employing **XPATH** and **CSS Selectors** for **web application automation testing** with the **Page Object Model** utilizing **Maven**. Skilled in **Data-Driven testing** within the **BDD Cucumber Framework** and well-versed in the **TestNG Framework**, **GIT**, and **Jenkins**.
- Extensive experience in **JDBC**, **Functional**, **Smoke**, **Regression** and **End-to-End Testing (E2E)**.
- Skilled in creating **Test scenarios**, **Test cases**, **Test data collection**, **Test execution** and **Defect reporting**.
- Actively engaged in **agile practices**, participating in the **planning**, **daily scrum calls**, **delivery**, and **reporting** of **sprint-level outcomes**. Conducted **application training sessions** as necessitated by **project requirements**.
- Capable of **collaborating effectively** with **testers**, **developers**, and **team members** to establish **intricate projects** and **contribute to the overall enhancement** of **software product quality**.

## PROJECT

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Project Name	: futbolemotions.com
Domain	: e-commerce
Testing Technology	: Automation & Manual
Testing Frameworks	: Cucumber, Unit,TestNG
Design Pattern	: Page Object Model
Testing Tool	: Java with Selenium
API Testing Tool	: Postman, REST-Assured

## PROJECT DESCRIPTION

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- As a **Quality Assurance Test Engineer** since **June 2021**, my primary focus has been on maintaining the **high quality and functionality standards of the futbolemotions.com/en** project, operating in the fast-paced realm of **e-commerce**.
- My approach involves utilizing **Java** alongside **Selenium**, serving as the cornerstone of our testing efforts. I employ various testing **frameworks** including **BDD Cucumber, Data Driven, TestNG**, and **JUnit** to thoroughly **evaluate the platform's functionality and performance**.
- In addition to **Selenium**, I rely on **Postman** and **REST Assured** as essential **testing tools** to **address both general and API-specific testing requirements**.
- Implementing the **Page Object Model (POM) design pattern** has notably enhanced the **efficiency and sustainability** of our test **automation suite, ensuring seamless integration with Selenium for robust web testing capabilities**.
- Furthermore, I manage **build processes** using **Maven**, **diligently track defects** using **JIRA**, maintain **version control with GIT**, and facilitate **CI/CD integration** through **Jenkins**.
- By adeptly utilizing these tools and methodologies, I strive to ensure that **futbolemotions.com consistently delivers a seamless and reliable user experience** in the competitive **landscape of e-commerce**.
- **My Project Site:**  
<https://www.futbolemotion.com/en>

## PROJECT EXPERIENCE

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### QA Engineer

**futbolemotions.com/en | 2021 - Present**

- Conducted a thorough analysis of **business requirements** to assess **call flows** and ensure **operational efficiency**.
- **Developed and implemented** comprehensive **Test Cases, documenting outcomes** and communicating identified **bugs to developers**.
- Engaged in diverse **testing phases** such as **System Testing, Smoke Testing, Functional Testing** and **Regression Testing**.
- Produced **daily status reports detailing progress** in line with **scheduled deliverables**.
- Facilitated **Knowledge Transfer** to onboard **new project team members** and liaised **directly with clients** to **address inquiries**.
- Demonstrated proficiency in comprehending and **analyzing the Application Under Testing**, with a focus on **Object Identification**.
- Applied **Test Automation** utilizing a **structured Framework**. Formulated **Test scenarios**, gathered **Test Data**, identified **end-to-end scenarios**, and emphasized **code modularity** to create **reusable components**.
- Enhanced **Test Cases (Test Scripts)** by integrating **Element locators, programming principles, error-handling mechanisms** and **explanatory comments**.
- Executed **Data-driven Tests** within the **framework**, **meticulously scrutinizing Test Results, reporting Defects** and **monitoring** them for **Regression Testing**.
- Collaborated with **testers, developers, and team members** to **resolve issues** related to **Object Identification** and **error handling**, thus contributing to the **overall improvement of software quality**.
- Ran **automation scripts** across various **Browsers** and promptly **communicated Defects/Results** to the **team**.
- Managed **source code checkout and check-in** on **GIT**, facilitating **integration (CI)** through **Jenkins**.
- Developed **new scripts, engaged in Debugging activities**, and **reviewed automation test scripts** for accuracy.
- Prepared **XML files, Service Sheets, and Data Sheets** **essential** for **Service Automation processes**.

## DECLARATION

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Hereby declare that the details furnished above are true to the best of my knowledge.

THARUNRAJ K A R.