JITHINRAJ BADI

Full Stack Software Developer

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SUMMARY

Versatile professional with a diverse background in both test automation and development. Started with Selenium and Java for test automation, now thriving in ASP.NET development.

SKILLS

Languages: Java, SQL, C#, JavaScript, HTML/CSS

Technologies: .Net 6, Asp .net, Telerik, Sql Server, Azure

EXPERIENCE

01/2022 – present **CFID Audit Tool** **US Technologies**

- Enhanced user functionality by adding multiple features to the existing web application.
- Designed and implemented a robust database schema using SQL Server, optimizing queries and reducing response time by 30
- Developed a robust Windows service for automated letter generation, significantly enhancing operational efficiency by replacing the previous manual process conducted by auditors
- Collaborated with testing team to improve the quality of application going to production.
- Implemented robust error-handling mechanisms and comprehensive logging, facilitating quick issue identification, resolution, and system stability.
- Managed version control using Git, ensuring a collaborative and organized development environment.
- Collaborated with cross-functional teams, including QA engineers, and project managers, DBA admins to ensure smooth integration and delivery of features.

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C#  /  Sql Server  /  Git  /  .Net 4  /  Angular
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10/2021 – 1/2022 **ARMS(Account Receivable Management Service)** **US Technologies**

- Developed and maintained automated test scripts using industry-standard automation tools such as Selenium, to ensure efficient and repeatable testing of ARMS Application.
- Integrated automated tests into the continuous integration/continuous deployment (CI/CD) pipeline, ensuring that tests were executed automatically upon code changes.
- Achieved a 30% reduction in test script development time through the implementation of reusable components and libraries.
- Implemented the Page Object Model for improved code maintainability and readability.
- Reduced the release cycle by 20% by implementing automated build and test processes in the CI pipeline.
- Implemented data-driven testing using external data sources (Excel, CSV), enhancing test coverage and reducing maintenance efforts.

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JAVA  /  Selenium  /  BitBucket  /  Jenkins
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PROJECTS AND RESEARCH

Deep Learning **Reinforcement learning in an unknown and dynamic environment** **Research**
navigation in an unknown and dynamic environment based on deep reinforcement learning (M.Tech Seminar).

C#, Unity **Alot** **itch.io**
An MMORPG Game built in unity as a hobby project

C#, .Net 6 **ShutDowner** **github**
A Windows service project which will auto shutdown unnecessory user application running in the background while doing heavy tasks in the system.

Java /Angular **Sevens Web Application** **github**
a Java Spring Boot project for a football news portal, deployed on Railway with MongoDB as the backend, offering real-time updates, user authentication, and interactive discussions.

EDUCATION

2019 - 2021 **M.Tech in Information Security** **CGPA - 8.25**
College of Engineering Trivandrum (CET)

2014 - 2018 **B.Tech in Computer Science** **CGPA - 6.3**
Government Engineering College, Wayanad

ACHIEVEMENTS

Microsoft PL 900 Certification - 2023, **Leetcode 100 days badge** - 2023, **Gate Scholarship** - 2019