

# Ulaganathan A

Full Stack Developer (C# & React.js) |

Automation Testing

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## PROFILE SUMMARY

Aspiring Full Stack Developer specializing in C# .NET & React.js, with 4+ years of experience in software testing and automation. Skilled in C#, .NET Core, React.js, SQL, JavaScript, and API development through self-learning and personal projects. Strong understanding of front-end UI development, backend API integration, and database design. Passionate about transitioning into a full-time developer role and applying problem-solving skills in real-world applications.

## CERTIFICATIONS

### MERN FULL STACK DEVELOPMENT

- **Issued by :** GUVI
- **Certificate ID:** C4X2Q81Bu66l67y93f
- **Verify Certificate**

### Python

- **Issued by:** GUVI
- **Certificate ID:** 069B097t163g23MD5E
- **Verify Certificate**

### Selenium Automation Training with C#

- **Issued by:** GUVI
- **Certificate ID:** 069B097t163g23MD5E
- **Verify Certificate**

## EDUCATION

2017 - 2020

B.E Mechanical Engineering

Dhanalakshmi Srinivasan Engineering  
College - Preambular

## SKILLS

- **Frontend Development:** React.js, TypeScript, Redux, HTML5, CSS3
- **Backend Development:** C# .NET Core, Node.js, Express.js, REST APIs
- **Database:** SQL, MongoDB
- **Testing & Automation:** Selenium, SpecFlow (C#), API Testing, Java with selenium
- **Cloud & DevOps:** AWS (S3, EC2), Jenkins, Docker, Git

## EXPERIENCE

AUG 2022 to JUL 2024

Art Technology and Software Pvt Ltd -Kochi

Payment Gateway and Datalake Thredd Project

Domain: Banking and Finance

Description:

This project focused on ensuring the secure and precise processing of financial transactions by thoroughly testing essential modules, including transaction chargebacks, reporting, authorization, and data lake validation. The primary objective was to uphold data integrity and system reliability across various components.

Roles and Responsibilities:

- Performed manual and automated testing of web applications with a strong focus on Python and API testing.
- Designed and executed UI test cases for customer dashboards and transaction workflows, ensuring visual consistency, functional accuracy, and responsiveness.
- Developed Python-based scripts for automated testing of data flows and API endpoints.
- Used Selenium WebDriver with Python to automate end-to-end UI tests and regression suites.
- Conducted BDD testing using Cucumber (Gherkin syntax) for user stories, improving cross-team understanding of test cases.
- Verified backend systems using SQL and MongoDB to ensure data consistency across modules.
- Built test automation frameworks that integrated with Jenkins CI/CD pipelines, ensuring smooth deployment testing.
- Implemented test validations on AWS S3 data lakes, scripting automated checks for data integrity using Python.
- Collaborated in Agile teams, contributing to daily standups, sprint planning, and retrospectives.

## SOCIAL MEDIA

Github: **Verify Github**

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## Awards & Achievements

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- Automated the S3 bucket data validation process, reducing testing time by 40%.

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## Language

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- English
- Tamil

**MAY 2020 TO AUG 2022**

**LARC SOFTWARE - Bangalore**

### **V Billing System & Mallzee Projects**

**Domain:** Voice over IP (VoIP) Telephony Services & E-Commerce (Fashion)

#### **Description:**

These projects involved automating and testing the functionality of a billing system for Delta Three Inc. and an e-commerce application for Mallzee. Both projects focused on ensuring seamless user experience, accurate transaction processing, and robust backend validations.

#### **Roles and Responsibilities:**

- Developed and executed test cases for functional, regression, and end-to-end testing in an **Agile/SCRUM environment**.
- Automated functional and **regression testing** using a hybrid framework with **Java, Selenium WebDriver, TestNG, and Maven**.
- Designed and implemented automation frameworks leveraging **Page Object Model (POM)** and Page Factory, ensuring reusability and efficiency.
- Conducted backend testing using **SQL and JDBC** to validate data integrity and accuracy across various modules.
- Automated **RESTful API** testing using REST-assured and **Postman to validate backend services**.
- Used Selenium Grid and Sauce Labs for cross-browser and cross-platform testing across virtual environments.
- Configured Jenkins for continuous integration and executed batch scripts via command-line tools.
- Created BDD scenarios and acceptance tests using Cucumber, Gherkin, and Java integrated with Selenium WebDriver.
- Performed **data-driven testing** using **Apache POI** to handle Excel-based test data.
- Participated in **Agile practices**, including sprint planning, daily stand-ups, and retrospectives, while logging and tracking defects using JIRA.