

Arnaud ULRIC

QA Lead - Developer React

ISTQB Certified - Test Analyst

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SKILLS

Blockchain / Web3

Javascript

ReactJS

Test Strategy

Frontend Testing

Backend Testing

Solidity

Open source

TOOLS

Playwright

WebDriverIO

Selenium / Cypress

Postman - Insomnia

Hardhat

Xray / Jira

Detox / Appium

Github

MongoDB / Express

DIPLOMAS

Web & Mobile Fullstack Developer

ISTQB - Advanced Level Test Analyst

ISTQB - Foundation Level

EXPERIENCE

Lead QA 2/2022 - 9/2023 (2 years)

Ledger b2c

Organize and lead the QA activities (Manual / Automation) on various structuring projects.

Set up QA strategy for UI, Backend, Smart Contract testing...

QA and Testing Leadership. Providing the team with support identifying necessary improvements and enhancements in the process, supporting the assigned team with complex day-to-day decisions.

Working with cross-functional partners such as Engineering and Product Management.

Educate developers, at all levels to write higher quality software.'

Verify product documentation to ensure that product documents are complete, correct, and consistent.

Develop and maintain test plans, test strategies, and test cases while performing all testing activities including functional, integration and regression testing.

Bug tracking, Test campaign reporting, Close work with Program management team for Releases sign-off.

Point of contact for technical interactions between the BU and the rest of Engineering.'

Training, Coaching and Education of external / offshore teams (PO and Devs).

UI test framework Implementation (Playwright). Smart contract testing (Hardhat), Blockchain explorers and indexer APIs (Postman).

Projects handled:

-- [L]Market: NFT Next-JS app interacting with Ledger Live and in the middle of the whole B2C activities. The project is composed of various features and areas (Blockchain explorers, Front, Smart Contracts, embed ledger device app, wallet interactions, dApps integration in ledger Live dev platform...). Integration in the e-commerce website checkout flow for physical NFT.

-- Ledger Extension: Browser extension (wallet)

-- NFT metadata indexer API: Get NFT metadata from blockchains for internal and external (third parties) usage

-- Ledgerstaxmetadata: Website that allow user to update and optimize their NFT images rendering. This web app consume data from the metadata indexer API.

QA Engineer 6/2018 - 2/2022 (4 years)

Ledger b2c

First QA on the project. Establishing global QA approach: UI Regression and internal logic, Device interactions (BLE / USB).

Participate in building QA team, onboard and lead newcomers.

Work closely with the dev team in reviewing product requirements and be an active participant in design decisions.

Entry point of the B2C teams for devs and support activities (Backend, Customer Support, Coin Integration, FW, HW, Front).

Work with developers to understand functional requirements and their impact on existing test suites.

Identifying, proposing, sizing, prioritizing and implementing test automation.

Lead in the development of enhancements and new test infrastructure to further enhance product and test framework capabilities.

Collaborate with other areas within IT to identify and improve Automated Build approaches.

Actively participated in the setup of regression UI automation framework, transactions tests...

Maintain and administer a controlled test environment.

Implementation of test suites and automated test cases.

Project handled:

-- dApp browser that embed websites as iFrames and give user the ability to connect his accounts and benefits from Ledger security.

-- Bitcoin Full node implementation (Bitcoin Core <-> Custom blockchain explorer).

-- Organize test campaigns of new Ledger devices (NanoX, Stax), Work closely with Hardware, Firmware, Security teams

-- Mobile and Desktop testing: Native Desktop Electron app (Linux, macOS, Windows), React Native Mobile apps (iOS, Android).

QA Engineer 4/2016 - 4/2018 (2 years)

TVTY

Working with several data sources provider (AdWord, DBM, Social Networks, Tv programs, weather forecast).

Involvement in establishment of CI and QA processes: Docker, Makefile, Codeception, Git and Jenkins.

Review requirements, specifications and technical design documents to provide relevant and meaningful feedback.

Write test plans derived from specification (functional and technical). Estimate, prioritize, plan, and coordinate testing activities.

Recommendations to improve product reliability, performance and quality assurance best practices and processes.

Research evolving test trends...

Create, maintain, perform, and upgrade test scripts. Analyze test cases and provides regular progress reports.

Design, develop and execute automation scripts (Codeception). Design test data to feed automated tests. Identify, record, document thoroughly and track defects. Perform continue regression testing. Manage bug tracking.

Work with Customer Support to reproduce defects reported by customers.

Software Tester 5/2013 - 4/2016 (3 years)

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After an experience as a Product Owner I moved to QA where I actively took in charge implementation of the whole QA strategy for the existing e-commerce website (user flows, Checkout / Payment...).

Quality Control Activities: Functional specification review, Test plan, go / noGo...

Perform all aspects of verification, including functional, structural, regression.

Creating tests plans for new features.

Document bugs and verify bug fixes.

Accomplishments:

-- website v3, DLM marketplace (Mirakl integration), iOS app.

-- Implementation of UI automation (Robot Framework, Selenium)