AMRULLO NAZRULLOEV

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SUMMARY

Results-driven **Software Engineer** with a strong foundation in full-stack development and test automation, specializing in building robust, scalable, and high-performance applications. Adept at translating complex business requirements into innovative software solutions while ensuring optimal performance, security, and maintainability. Proven ability to integrate automation frameworks, streamline CI/CD pipelines, and implement best practices in software engineering. Passionate about leveraging cutting-edge technologies to drive efficiency and business success.

TECHNICAL SKILLS

- **Programming Languages:** C#, JavaScript
- **Frameworks & Libraries:** .NET, Entity Framework, React, ASP.NET Core, MVC, HTML, CSS, Vite
- **API Development & Testing:** ASP.NET Core, Postman
- **CI/CD & DevOps:** Jenkins, Azure DevOps
- **Databases:** Oracle SQL, PostgreSQL, SQL Server, MySQL
- **Software Development & Testing:** Agile, DevOps, SDLC, Unit Testing (xUnit, NUnit), Integration Testing, RESTful API Development
- **Automation Tools:** Playwright, SpecFlow, Selenium WebDriver, Cypress, Cucumber BDD, Karate
- **Cloud & DevOps Technologies:** AWS, Azure, Docker
- **Operating Systems:** macOS, Linux, Windows

KEY PROJECTS & ACHIEVEMENTS

- **Improved API Performance** – Reduced API response times by **30%** through optimized database queries and caching mechanisms.
- **Enhanced Test Coverage** – Increased automated test coverage by **50%**, reducing production defects and ensuring software reliability.
- **CI/CD Pipeline Optimization** – Implemented CI/CD pipelines using **Jenkins and Azure DevOps**, decreasing deployment time by **40%**.

PROFESSIONAL EXPERIENCE

Software Engineer

American Health Technology Group January 2022 – Present

- Designed and implemented **scalable web applications** using **C#, .NET, Entity Framework, and React**, ensuring robust and efficient software solutions.
- Developed and optimized **RESTful APIs** leveraging **ASP.NET Core**, enhancing backend performance and system interoperability.
- Utilized **Entity Framework** to streamline database interactions and improve data retrieval efficiency.
- Led **code reviews**, enforcing best practices in software design, maintainability, and security.
- Designed and executed **unit tests** using **NUnit and xUnit**, strengthening code reliability and minimizing defects.
- Played a pivotal role in **modernizing legacy systems**, transitioning applications to contemporary frameworks for improved maintainability.
- Served as **Tier 3 Support and Release Master**, managing deployment pipelines and ensuring seamless software releases.
- Automated deployment processes by integrating **CI/CD pipelines**, reducing manual intervention, and accelerating delivery cycles.

Software Engineer

LexisNexis Risk Solutions October 2021 – December 2022

- Spearheaded the **development and automation** of the **LexisNexis RPA project**, utilizing **UiPath** to enhance process efficiency and eliminate repetitive tasks.
- Engineered and refined **backend services and APIs** with **ASP.NET Core and PostgreSQL**, ensuring optimal performance and security.
- Conducted **code refactoring and performance optimization**, improving system reliability and response times.
- Designed and executed **automated testing strategies** across UI, API, and database layers, ensuring comprehensive quality assurance.
- Integrated automated test frameworks into the **DevOps CI/CD pipeline**, enabling continuous integration and deployment.
- Researched and applied **modern software engineering best practices**, incorporating **design patterns, SOLID principles, and clean architecture** to improve code quality.
- Provided **mission-critical production support**, diagnosing and resolving high-priority issues to maintain application uptime and stability.

Software Automation Engineer

CareSource March 2020 – October 2021

- Developed and maintained a **keyword-driven test automation framework** using **C#, Lean FT, and NUnit**.
- Conducted software testing throughout the **SDLC**, adhering to Agile methodologies.
- Automated functional, regression, and API tests using **Selenium WebDriver, Katalon, and SoapUI**.
- Integrated test automation into the **CI/CD pipeline**, ensuring fast feedback loops and efficient deployments.
- Conducted **performance testing** using **HP LoadRunner** to evaluate system scalability and response times.

Software Development Engineer in Test

RedLione Control October 2019 – March 2020

- Developed and maintained **automation frameworks** using **Clojure, Selenium, and TestNG**.
- Automated UI and firmware testing for **network devices (DA70/50)**, creating detailed test cases and scripts.
- Transitioned from a **hybrid automation framework** to a **Data-Driven Development (DDD) framework**, improving efficiency

Quality Engineer

United Century LLC June 2017 – September 2019

- Designed and implemented a **BDD automation framework** using **Selenium WebDriver and Cucumber**.
- Developed **test automation scripts** and executed functionality testing throughout the SDLC.
- Integrated automated tests into **Jenkins**, running scheduled nightly smoke tests.