ANUP DHARANGUTTI

Bangalore, India | dharangutti_anup@live.in | +91-7204552583 | linkedin.com/in/anup-dharangutti-852a94129/

AUTOMATION ARCHITECT | PRINCIPAL SDET | QA ENGINEERING LEAD

PROFESSIONAL SUMMARY

Automation Architect with 15+ years of experience designing scalable, enterprise-grade test automation ecosystems across Industrial Automation, Healthcare, Logistics, and SaaS domains. Expert in building modular, distributed, and self-healing frameworks using C#, Selenium, Playwright, WinAppDriver, Appium, and REST Assured. Led Agile teams (5–6 members), drove automation strategy, and partnered with US/EU stakeholders to deliver CI-driven, high-reliability quality solutions.

CORE COMPETENCIES

- Automation Architecture: Hybrid & Modular Frameworks, POM, Parallel Execution, Self-Healing Strategies
- Automation Tools: Selenium, Playwright, Appium, WinAppDriver, REST Assured, NUnit
- Programming: C#, Java, Python
- API & Microservices Testing: REST Automation, Contract Testing, Schema Validation
- DevOps & Cloud: Jenkins, TeamCity, Azure DevOps, GitHub, AWS (Exposure), Azure Cloud (Exposure)
- Leadership: Test Strategy, Agile Delivery, Hiring, Stakeholder Communication (US/EU)

PROFESSIONAL EXPERIENCE

LTIMindtree, Bangalore | Senior Specialist – Quality Engineering (Jul 2025 – Present)

- Architected scalable desktop automation framework using WinAppDriver + C# .NET.
- Designed distributed execution using TCP-based orchestration.
- Implemented self-healing locator strategies improving automation stability.
- Enabled CI-integrated unattended regression execution.

RXO, Mumbai | Lead Engineer – Technology Quality Assurance (Nov 2021 – May 2025)

- Led 5–6 automation engineers; participated in hiring and technical mentoring.
- Designed scalable UI & mobile frameworks using Selenium, Appium (C#).
- Automated several hundred regression scenarios across microservices modules.
- Integrated automation into nightly CI/CD pipelines.
- Improved defect detection by automating critical business workflows.

HCL Technologies, Pune | Technical Lead (Apr 2018 – Nov 2021)

- Built Selenium-based automation architecture improving QA lifecycle efficiency by ~15%.
- Led sanity and regression automation initiatives.

Icertis, Pune | Senior SDET – Products (Aug 2017 – Feb 2018)

- Reduced testing effort by ~20% through enterprise SaaS automation.

Siemens, Bangalore | Senior Systems Engineer (Oct 2014 – Aug 2017)

- Developed end-to-end automation tooling for Industrial Automation software.
- Reduced manual validation effort by ~25%.

Infinite Computer Solutions | Senior Software Engineer (Apr 2014 – Sept 2014)

- Automated validation workflows for Philips MRI systems using Coded UI (C#).

Magana Infotech | Software Design Engineer – Test (Aug 2013 – Apr 2014)

- Designed REST API and Selenium automation frameworks in C#.

Randstad | Software Engineer (Dec 2012 – Jun 2013)

- Developed NUnit-based white-box tests and improved coverage.

Patel Microdata Pvt. Ltd. | System Administrator (Oct 2007 – Jul 2010)

- Managed enterprise systems, automation scripts, and audit compliance.

EDUCATION

MS – Medical Software Engineering | Manipal University (2010–2012)

BE – Information Technology | Shivaji University (2003–2007)