Viamagus Select

Precision Talent for Global Centres

PEOPLE
TECHNOLOGY
OPPORTUNITIES

A BRIGHTER TOMORROW

Senior Software Test Automation Engineer

Mobile Test Automation | Appium | Android & iOS | Quality Engineering

Hyderabad	Flexible / Hybrid	8–12 years	Full-time

About the Opportunity

Viamagus Select is looking for an experienced Senior Software Test Automation Engineer with strong hands-on expertise in mobile test automation, particularly Appium, to join a leading global healthcare technology organisation. The role calls for someone who can own automation architecture, framework development, quality engineering practices and continuous improvement, beyond test execution.

About the Role

You will design and develop scalable automation frameworks, test Android and iOS applications, integrate automated testing into CI/CD pipelines and provide technical leadership to engineering teams. You will also explore AI-assisted testing approaches and support mobile applications that integrate with embedded systems.

Key Responsibilities

- Design, develop and maintain scalable mobile test automation frameworks using Appium.
- Lead automation testing activities across Android and iOS applications.
- Develop reusable automation components, test scripts and regression test suites.
- Establish automation standards, review code and ensure framework maintainability.
- Integrate automated test suites into CI/CD pipelines for continuous testing and release validation.
- Identify, troubleshoot and resolve complex automation failures and mobile testing issues.
- Mentor and guide engineers on automation practices, coding standards and debugging techniques.
- Collaborate with development, QA and cross-functional teams in Agile environments.
- Analyse quality metrics, test coverage, defect trends and automation effectiveness.
- Explore AI-assisted approaches for test generation, failure analysis, test-data creation and automation optimisation.
- Support integration testing involving mobile applications and embedded systems.

Mandatory Technical Skills

- 8–12 years of overall software industry experience.
- Strong hands-on experience with Appium-based mobile test automation.
- Proven experience developing and architecting automation frameworks, including at least 5 years in test automation framework design and development.
- Practical experience testing both Android and iOS applications.
- Strong programming and scripting fundamentals, including object-oriented programming.
- Experience with Java, C#/.NET or other relevant automation programming languages.
- Experience with mobile application testing, debugging, element identification and synchronisation.
- Strong knowledge of Git and version control.
- Experience integrating automation frameworks with CI/CD pipelines.
- Experience in test strategy, regression automation and defect analysis.
- Proven technical leadership, mentoring and automation code review experience.

Good to Have

- Experience with C#/.NET.
- Exposure to Selenium, SeeTest or similar automation tools.
- Experience testing applications integrated with embedded systems.
- Knowledge of Hardware-in-the-Loop (HIL) testing.
- Experience in medical device or other regulated software environments.
- Understanding of performance, security and integration testing.
- Experience with SQL and database validation.
- Practical exposure to AI-assisted testing and automation.
- Experience working with Agile and Waterfall methodologies.

Educational Qualification

Bachelor's or Master's degree in Computer Science, Information Technology, Electronics, Electrical, Biomedical, Biotechnology or a related engineering discipline.

What We Are Looking For

- Strong problem-solving and analytical skills.
- Ability to independently own automation architecture and delivery.
- Excellent debugging and troubleshooting capabilities.
- Strong communication and stakeholder management skills.
- Ability to mentor engineers and drive engineering excellence.
- A quality-focused mindset with attention to detail.