

Andrew Godwin

📍 Calle Ona, 143, 28050 Madrid, Spain ✉ message@andrew-godwin.com 📞 +34722460710

🌐 www.andrew-godwin.com 🌐 /pesignature 🌐 /pesignature

Summary

Intellectually curious Sr SDET with 12+ years of software industry experience. A highly motivated gatekeeper, skilled in software testing, release management, proficient in a wide range of QA processes, tools and methodologies. Strong analytical-thinking and problem-solving abilities, a commitment to writing clean maintainable code, establishing new or maintaining existing testing frameworks. A proven leader, committed to professional growth and team success.

WORK EXPERIENCES AND ACHIEVEMENTS

Solera Inc, Madrid

Nov 2021 – Present

Senior Software Development Engineer in Test III

- Created and maintained test coverage matrix, ensuring thorough testing of all critical functionalities.
- Deeply involved in the entire release process, from planning, design, development, testing and deployment.
- Enhanced QA process efficiency by 35% by creating and maintaining a library of 300+ reusable test cases.
- Automated complex Android and iOS features, saving 2 hours per test cycle and improved code quality by 20%.
- Reduced onboarding time by 30% through maintenance of product and knowledge transfer documentations.
- Improved product stability by 15% by conducting wellness and root cause analysis of critical bugs.
- Mentored & coached junior engineers, resulting in 25% code quality improvement and reduced bug count by 30%.

Consolidated Alliance, Abuja

Jan 2019 – Nov 2021

Freelance Software QA Engineer

- Contributed to planning, design, review product code, formulate test scenarios, develop automation frameworks, automate test scenarios, analyze results, provide feedback on progress and risks.
- Conducted manual and automated testing for mobile app to identify and fix errors, bugs, and UI/UX issues.
- Conducted regression testing to ensure the stability of software and compiled QA test outcomes for feedback.
- Identified and resolved issues and testing bottlenecks, decreasing software testing time by 25%.

Consolidated Alliance, Abuja

Dec 2015 – Dec 2018

Software QA Engineer

- Saved 7 days of manual testing efforts by automating date input feature with a wide range of inputs.
- Automated manual test cases to reduce amount of time and effort spent on manual testing by 30%.
- Helped to resolve outages & participated in 5+ postmortem incident reports and provided feedback.

National Institute for Hospitality and Tourism, Lagos & Abuja

Feb 2015 – Dec 2015

Software QA Engineer

- Automated parts of the manual testing workflow improving functionality by 30%.
- Reported, documented and resolve bugs ensuring 100% coverage of the right features.
- Assisted in addressing defects/flaws and several UI/UX concerns improving usability by 20%.

Flights Time InfoTech, Lagos & Abuja

Feb 2014 – Jan 2015

Software QA Engineer

- Managed issues and provided feedbacks on progress & risks, resulting in operational savings of 15%.
- Resolved 250+ critical bugs in the product to improve functionality, stability and usability by 40%.
- Assisted Manager to reduce pressure by volunteering to take up more tasks, saving time and money.

EDUCATION

• Lagos State University, Lagos

Bachelor of Science (B.Sc.) in Computer Science, 2016 – 2022

• Holberton Software Engineering School, Tunis

Certificate in Software Engineering, Jan 26 2020 - May 10 2021

• Lagos State University ICT Training Center, Lagos

Diploma in Web Designing & Programming, Jan 2010 - June 2012

COURSES AND CERTIFICATIONS

- Google IT Support Professional Certificate by Google – Coursera, March 2021.
- IT Security: Defense against the digital dark arts by Google – Coursera, March 2021.
- Agile Software Project Planning and Management – Bright Network UK, Jan 2021.
- Software Quality Assurance – TestDome, Issued Jan 2021.
- System Administration and IT Infrastructure Services by Google – Coursera, Feb 2021.
- Operating Systems and You: Becoming a Power User by Google – Coursera, Dec 2020.
- The Bits and Bytes of Computer Networking by Google – Coursera, Sep 2020.
- Technical Support Fundamentals by Google – Coursera, Jul 2020.

TECHNICAL AND SOFT SKILLS

Web and Mobile development	Selenium, Appium, Rest Assured,	Remote/Telecommuting
Software Testing	Postman, Jira, Bitbucket, Confluence,	Collaboration
Manual and Automated E2E Testing	TestRail, Github, Maven, Gradle,	Communication
SOAP and REST API Testing	Junit, TestNG, Jenkins, Saucelabs,	Leadership
SDLC, BDD, CI/CD tools	Charles Proxy, Teams, Slack,	Teamwork
Agile and Waterfall (SDLC) models	Google Cloud, AWS	English proficiency
Java, Python, PHP, SQL, JavaScript,	Unix/Linux shells	

PERSONAL PROJECTS

- **Blessed Fruit Foundation Website, June 28 2015 – Present - (Skills-based volunteering charity)**

Demonstrated software development skills by using my free time to lead a 4-member team in volunteering, developing and maintaining a professional database-driven website with blogging system, photo gallery and an admin back-end control panel for a charity organization based in Lagos, Nigeria.

Technologies used: PHP, SQL, HTML, CSS, JavaScript, relational database (RDBMS – MySQL and MariaDB).

Website URL: <https://www.blessedfruitfoundation.org.ng>

- **NIHOTOUR Merchant Android App, July 2020**

Fully leveraged Java Android SDK to create an admin back-end mobile app for easy management of business logic and statistical database of hotel/bus/taxi listings and bookings. Project includes setting up development environment, developing source code from scratch to finish, building app with Java development tools and published to Google Play Store.

Technologies used: Java, Android Studio, ADB - Android Debug Bridge for debugging and testing, Android Developer Tools, Android SDK, Gradle build system, TestNG for TDD.

App Store: <https://play.google.com/store/apps/details?id=com.nihotour.admin.free>

- **AirBnB Clone, June 2020 - (Educational purposes)**

Led a team of 2 at Holberton School final year team project to create a Python-Flask web application, using a command line console to create a clone of AirBnB website and its basic functionalities.

Technologies used: Python, Flask, MySQL/SQLAlchemy, HAproxy, HTML, CSS, SQL, NGINX, JavaScript, Git, Github, Virtual Box, Vagrant, SSH, bash, Firewall, SSL/TLS.

- Engineered an internal API, file-based and SQL database storage systems.

- Created a custom command line testing console.

- Wrote bash scripts to configure NGINX server and UFW Firewall.

- Installed load balancers and secured site with firewall and SSL.

Repository: https://github.com/pasignature/AirBnB_clone_v4

- **Google Summer of Codes, Dec 2019 - (Open Source Software Code Contributor - Jenkins Project)**

Participated in the Google Summer of Codes 2019 and worked on improving the performance of Jenkins Acceptance Test Harness (ATH), a framework for WebUI and Integration testing of Jenkins' components and plugins. End to end test suite for Jenkins automation server and its plugins.