



# Honnesh Muppala

+353899512260

Dublin, Ireland

STAMP 1G

[honneshraju143@gmail.com](mailto:honneshraju143@gmail.com)

Senior Automation / Test Engineer

[linkedin.com/in/honneshraju3008](https://www.linkedin.com/in/honneshraju3008)

<https://honneshraju.com/>

## SKILLS

|                         |   |
|-------------------------|---|
| <b>QA/QAE</b>           | Mobile/product Testing, STLC, Manual and Automation Testing, Agile project management |
| <b>Scrum</b>            | Agile methodologies, backlog refinement, sprint planning, standups                    |
| <b>DevOps/Tools</b>     | JIRA, TestRail, Kubernetes, Docker, GitHub, Jenkins, Maven, Bitbucket, Android Studio |
| <b>Operating System</b> | Linux, Windows server 2012/2016, MacOS, Android, IOS, FOS                             |
| <b>Automation</b>       | Java with Selenium, Python with Robot framework, API Testing- Postman, JMeter         |
| <b>Framework</b>        | Selenium, Appium, TestNG, JUnit, BDD, Robot Framework                                 |
| <b>Programming</b>      | ADB shell Scripting, Python, JavaScript,  |
| <b>Cloud</b>            | Azure CI/CD, Amazon Web Services (IAM, EC2, VPC, CloudFormation, S3, RDS, R53)        |
| <b>Networking</b>       | LANs   WLANs 802.11, TCP/IP, DNS, DHCP, HTTP, VPN, And Routers, KPI – Congestion      |
| <b>Monitoring/Logs</b>  | Wireshark sniffer logs, ADB Logcat Logs, Spectator logs, Splunk, Grafana              |

## EXPERIENCE

### Viasat Europe Ltd

Nov 2024 – Present

#### *PAT Test Engineer*

Dublin, Ireland

- Facilitated the rapid scale-up of GEM services by managing software load kits and configuration testing for new airline customers, documenting all deliverables via **Jira and Wiki** to ensure high-quality production acceptance
- Operated and maintained simulated commercial airline environments to validate In-Flight Connectivity (IFC) and entertainment systems, ensuring functional and operational requirements meet strict airline customer standards
- Engineered automated test suites using **Selenium** for web interfaces and **Appium (Kobiton)** for mobile device testing, significantly increasing test coverage for passenger-facing applications
- Developed custom backend automation scripts using **Paramiko** to execute remote commands and streamline the validation of server-side configurations in a complex Linux-based architecture.
- Performed deep-dive troubleshooting of connectivity gaps within **Kubernetes-based simulator environments**, managing pod networking, **TCP/IP protocols, firewalls, and DNS** to resolve issues in a sophisticated, heterogeneous architecture
- Utilized **Behavior-Driven Development** methodologies to align test cases with business requirements and airline customer specifications. managed complex **IoT and mobile device testing** environments, validating connectivity, handovers, and performance across heterogeneous systems.
- Onboarded new airline customers by executing structured test plans for **new aircraft types and software configurations**, ensuring 100% compliance with Viasat intellectual property standards. Collaborated with cross-functional engineering and lab teams in an **Agile/CI** environment to meet rapid deployment milestones.

### Virtusa Consulting Service Pvt Ltd

Feb 2022 – Aug 2023

#### *Associate Consultant - QA*

India

- Spearheaded Mobile Application testing and Device testing for Android platform using Appium overseeing a team of 270 testers, Implemented Automation Using Appium on real and virtual devices, resulting in a 20% increase in efficiency and Initiated Triage meetings with client regularly
- Conducted front-end testing initiatives utilizing Selenium WebDriver and JMeter to ensure cross-device and cross-browser compatibility, UI responsiveness, and seamless user experience. Executed comprehensive front-end test cases and leveraged automation for early detection and resolution of issues, thereby minimizing regression risks
- Employed Postman for API testing, ensuring robust communication between front-end and back-end systems Performed automated back-end API tests to validate response accuracy, error handling, and data consistency, facili
- Administered and managed build processes using Maven and version control with Git, automating dependencies and streamlining the integration of test frameworks such as Selenium and TestNG
- Facilitated Agile development cycles, enhancing communication and alignment between QA, development, and product teams, ensuring high-quality software releases
- Developed comprehensive test plans and cases aligned with both technical and functional requirements, enhancing testing effectiveness and software reliability
- Mentored and trained 150+ new team members on Mobile testing Concepts, conducting assessments to detect

- skill gaps and provide targeted guidance resulting in a 40% increase in overall team performance
- Led interview processes for project teams, evaluating over 700 candidates, resulting in a 30% efficiency boost

### **Amazon Development Centre India**

**Sept 2020 – Jan 2022**

*Device OS Tech – Device Associate*

India

- Coordinated Device testing for Alexa, Echo, and Fire TV releases, slashing release cycles by 30%. Optimized Test Cases and new Features in Wi-Fi and writing to pinpoint software defects
- Designed comprehensive test strategies encompassing regression, integration, and system testing to identify defects across stages of the development cycle, achieving high-quality software releases
- Conducted mobile and web application testing from inception, guaranteeing comprehensive coverage and reliability. Delivered Wi-Fi component training, impacting 13 team members for enhanced proficiency
- Defined 2-Way coexistence testing across Wi-Fi & Bluetooth, IOT testing across 3<sup>rd</sup> party Wi-Fi routers. Executed exploratory, ad hoc, stress, and load testing to uncover potential issues and ensure system robustness
- Automated PT, RVR, stress testing, Collaborated 10% efficiency in build qualification. Established LAN to LAN cascading and WAN to LAN cascading validating network connection types for 50% improved reliability
- Performed device flashing for 500+ new builds and troubleshooting through ADB shell commands

### **Ramco Systems**

**Jan 2020 – Aug 2020**

*Analyst Programmer*

India

- Conducted end-to-end WMS inbound and outbound testing for 100+ new features, providing smooth supply chain management and improving logistical operations
- Led rigorous mobile app testing for WMS logistics, affirming the flawless functionality of vital supply chain processes, resulting in an 30% enhancement in operational efficiency
- Implemented and administered 2000+ test cases, overseeing defect management, reducing test failures by 50% Proficient in Jenkins for analyzing and approving new builds
- Supervise a 5-member software testing team in developing and implementing quality assurance and quality control methods to maintain compliance with QA standards

### **Amazon Development Centre India**

**Aug 2018 – Jul 2019**

*Device OS Tech – Digital Associate*

India

- Designed and guided 3 new quips for Tracking testing tools and addressing areas including database impacts, software scenarios, regression testing, Feature testing, and Jira/Bug Reporting
- Orchestrated manual testing for Alexa, Echo and Fire TV devices, guaranteeing seamless integration and optimal user experience; reduced post-release bug reports by 40%, resulting in higher customer satisfaction
- Developed and executed manual software test plans, test cases and scripts to uncover, pinpoint and document software problems

### **ACHIEVEMENTS & AWARDS**

- Scholarship Award: Atlantic Technological University, 2023-2024
- Best Leadership Award: Atlantic Technological University, 2023-2024
- Received Q1 and Q3 Performance Awards for outstanding efforts in introducing Wi-Fi functionality & streamlining test cases, which improved the effectiveness and quality of final product

### **VOLUNTEERING**

- President: Indian Society, Atlantic Technological University, 2023-2024
- Celebration Chair: ACM-W, Atlantic Technological University, 2023-2024

### **EDUCATION**

Atlantic Technological University - *Master of Science in DevOps.*

*Letterkenny- Ireland, Sept 2023–Aug 2024*

Saveetha University *Bachelors of Electronics and Communication Engineering.*

*Chennai, India Aug 2014 – Jun 2018*

### **CERTIFICATIONS AND VALIDATIONS**

- ISTQB – CTFL (certified tester foundation level) - Certification ID: CTFL-132448**
- Cisco certified Network Associate (CCNA) - Certification ID: CSCO13459787**
- ISTQB – Foundation level Agile Tester**