

Technical Skills

C/C++, Java, Python, Bash, Shell, JavaScript, PHP, and PostgreSQL.
React, HTML, XML, CSS, Bootstrap.
Visual Studio, Android Studio, Selenium, Microsoft 365, Postman, PowerShell, Command Line Interface.
Google Firebase, Azure, Linux, Git/Github, Bitbucket, JIRA, Confluence, Jenkins, Jimmies, TestRail.
TestFlight, AppTester, Material-UI, Leaflet, GDAL, Electron, LAN/WAN network, TCP, Logic Analyzer

Experience

- Intel, Data Center Senior Associate

3/2023 – Present

 - Developed and executed comprehensive test cases for server hardware, storage devices, networking equipment, and power distribution units, ensuring all components met quality standards.
 - Created and managed test plans for over 1,000 servers, incorporating four different motherboard types and five server chip types.
 - Tested various server configurations and conducted firmware, driver, software, and hardware testing and reconfigurations. Troubleshoot and resolved issues in Windows, Linux, BIOS, BMC, CPLD, and database operating systems during both pre- and post-production phases.
 - Collaborated with QA teams in China and India to resolve Level 2 & 3 JIRA tickets, performing in-depth debugging to identify root causes of issues and executing test cases to validate fixes across all software and hardware tiers.
 - Worked closely with customer and development teams to develop and execute test cases for ongoing support and bug fix releases, consistently publishing daily and weekly status reports to track test progress and results.
 - Rapidly promoted to a senior position within six months, demonstrating exceptional skills in managing, creating, and executing test cases for validating and debugging issues on Intel's next-generation server chips, leading to consistently high-quality outcomes.
- Novus Labs, Quality Assurance Tester Lead

5/2020 – 3/2023

 - Offered a permanent position after a 1-month internship; became Principal Tester within 6 months and received the 2021 Novus Recognition of Excellence Award.
 - Significantly reduced the number of builds needed for release by identifying 2-3 times more bugs.
 - Ensured connectivity quality through functional, interoperability, and performance testing on IoT devices and access points.
 - Analyzed logcat, debugged device logs, and examined sniffer packets captured from devices.
 - Filed, validated, and managed bugs on JIRA across a variety of devices (e.g., Ring smart lights, Amazon Echo devices) and composed and managed test plans on TestRail.
 - Acted as the key contact with Amazon Lab126 (A2Z), the Amazon DEV team, and the Amazon QA team on multiple projects, including the public release of Ring Floodlight Camera, Ring Smartlight 2nd Gen, Amazon Echo 4th Gen, Echo Dot 4th Gen, and Tile Sticker.
- Free Geek, Volunteer at Testing Area

4/2016 - 9/2016

 - Disassemble computer for diagnosing
 - Test the components and rebuild computers for the affordable computer prices program for local school, library, and other non-profit organizations

Education

- Portland State University

Portland, OR

Bachelor of Science, Computer Science

GPA: 3.56
- Portland Community College

Portland, OR

Associate of Science