Amandeep Singh

Quality Assurance Engineer | Aspiring Developer

New Delhi, India
9811478184
amandeepsingh1337@gmail.com

1. Experienced and Results-Oriented QA Engineer with nearly 3 years of success in delivering high-quality solutions for global-scale projects, including at Google.

2. Proficient in functional and API testing, with hands-on expertise in test design, development, and automation across complex systems.

3. Skilled in coding, data analysis, and building scalable test frameworks that accelerate release cycles and ensure product reliability. Strong track record of driving quality improvements and collaborating cross-functionally with development and product teams.

4. Passionate about applying AI and modern QA practices to solve real-world problems and optimize testing efficiency.

EXPERIENCE

Infosys LTD, Hyderabad — *Senior Systems Engineer*

DECEMBER 2022 - PRESENT

Currently contributing to the development, design, and quality assurance of Google Android Pixel Phones, Wear OS watches and various Google web Applications. Expertise includes functional and mobile testing (Android and iOS), Wear OS testing, and web application testing, focusing on Feature. GAR, Regression, Smoke, and UI testing.

Encompasses the creation and innovation of various software solutions. This involves ideation, feature design, and iterative improvement to enhance user experience and meet market demands.

Focuses on the software aspect of Google's ecosystem, including the applications development of the Pixel series smartphones and Pixel Watches.

Experienced in identifying and reporting software defects using tools like Buganizer and Bugzilla, collaborating with developers to ensure timely resolution.

Proficient in Google Accessibility Rating (GAR) and Google Play Services (GMS) testing, with extensive knowledge of the entire SDLC, from requirement analysis to test script development.

Expertise in automated testing using Selenium WebDriver, Java, SQL, and TestNG, with proven success in testing both hybrid and native applications. Designed and executed an automated testing framework that improved test coverage by 30%, integrating automated scripts to enhance quality assurance processes.

Skilled in Black Box testing (functional, regression, integration, system testing) and developing test metrics to monitor product quality, system performance, and risk assessments.

Proficient in Black Box Testing, including functional, regression, integration, and system testing, with a proven track record of developing and maintaining test metrics to monitor product quality and identify opportunities for improvement.

SKILLS

Languages: Java, Python, SQL, C++

Platforms/Technologies: UNIX, DevOps, DBMS, API Testing

Development Tools: Selenium, TestNG, DevOps, Jupyter Notebook, PyTorch

Other Skills: Manual Testing, MS Excel, MATLAB, HFSS, PCB Design, Antenna Design

AWARDS

- Certification Program on Python and Machine Learning.

- IEEE Conference-: Miniaturized Four-Port Multiple Input Multiple Output Antenna for 5G Applications.

LANGUAGES

- English (Fluent)

- Hindi (Fluent)

Designed and executed a comprehensive testing framework integrated with automated test scripts, resulting in a 10-20% improvement in test coverage and enhanced product reliability.

Experienced in defect tracking, risk assessment, and performance monitoring using various tools, assisting the team lead with verification and validation results to ensure system stability and compliance with quality standards.

Sopra Steria India LTD, Noida — *Intern*

May 2021 - July 2021

Worked on a project involving *Sentiment Analysis* and *Text Analysis of Twitter Data* using Python and NLP libraries like NLTK and TextBlob.

Built predictive models for social sentiment classification with 85% accuracy.

EDUCATION

Amity University, Noida — *B.Tech (78%)*

July 2018 - May 2022

Bachelor's of Technology in Electronics and Communication Engineering

PROJECTS

QA Engineer – Google Client Projects

1. Worked on end-to-end Quality Assurance for Google Pixel phones, Pixel Watches, and various web applications. Responsibilities included functional testing, API testing, automation, and defect management.

2. Collaborated closely with cross-functional teams to ensure product stability and performance across mobile, wearable, and web platforms. Contributed to the design and execution of comprehensive test plans, regression suites, and real-time issue resolution during product launches.

Miniaturized Four-Port Multiple Input Multiple Output Antenna for 5G Applications.

1. Designed and optimized antennas for next-gen communication systems using HFSS. Presented at IEEE Conference.

Sentiment Analysis and Text Analysis of Twitter Data Using Python.

1. Extracted and preprocessed Twitter data using Python. Applied NLP techniques and machine learning models for sentiment classification.

ADDITIONAL INFORMATION

1. Open to roles in software development, machine learning engineering, and data science.
2. Passionate about continuous learning and building impactful AI-driven solutions.