



# Ganesh Kutty

## Software Test Engineer

Hi, I'm Ganesh, a motivated individual with a strong appetite for learning. Enthusiastic about acquiring new skills, whether in programming languages or musical instruments. Actively seeking opportunities for personal development and problem-solving.

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## WORK EXPERIENCE

### Software Test Engineer

Amdocs

11/2019 - Present

Pune, India

#### Achievements/Tasks

- Successfully delivered incremental changes in the Altice Legacy project with a high success rate and minimal escalations.
- Developed and executed 500+ Test Plans and Test Cases, covering Performance Testing, Network Testing, Security Testing, and Regression Testing.
- Reviewed 200+ user interfaces for functionality and adherence to design guidelines.
- Created 6 automation tools in Python to streamline daily checks and Sanity Testing, contributing to increased efficiency.
- Collaborated with the Automation team to identify efficient and feasible solutions for manual tasks.
- Partnered with software development engineers, gaining a deep understanding of features and architecture before testing.
- Led a team of 7 during the absence of a Test Lead for 6 months, maintaining project integrity and ensuring quality standards.
- Efficient at Testing tools such as HP ALM, JIRA and SBM.



## SKILLS

Programming Languages: C, C++, Java, Python, RUBY, C#.

Frontend: HTML5, CSS3, JavaScript, Bootstrap, Selenium WebDriver.

Back End: PHP, MySQL, MongoDB, Flask, Django, FastAPI.

Hardware: Beagle Bone Black, Arduino and Raspberry Pi.

Game Development: Unity 2D

Cyber Security: IP Spoofing, Steganography, and Honeypot Implementation.

Basic knowledge of shell programming in Linux, and Assembly Level Programming.

Documentation and Reporting using Microsoft Excel, Microsoft Word and Microsoft Outlook.



## ACHIEVEMENTS

### Internet Of Things – Changing The Game

Authored an article entitled "Internet of Things – Changing the Game" published in the International Journal of Scientific and Technology Research (IJSTR).

### Unique Identification(UID) System

Designed a Unique Identification (UID) system akin to Aadhar utilizing PHP, MySQL, HTML, CSS, and JavaScript as a minor project during the third year of college.

### Emerging Cyber World Attack Vectors

Conducted a seminar at the college on "Emerging Cyber World Attack Vectors" and subsequently delivered a comprehensive report on the subject.

### Gold & Silver Medals

Attained a Gold Medal in the Open Bout and a Silver Medal in the Kata Competition hosted by the International Shotokan Karate Institute (ISKI).



## WORK EXPERIENCE

### Game Test Engineer GlobalStep Services Pvt. Ltd.

09/2017 - 06/2019

Pune, India

GlobalStep provides end-to-end Testing focused on Interactive Entertainment and Sports Industries.

#### Achievements/Tasks

- Conducted Compliance Testing on the Xbox One X platform, ensuring adherence to the latest Xbox One Games and Apps Requirements and Test Cases.
- Wrote and optimized test cases, employing consistent and thorough approaches to maximize testing success.
- Tracked and reported defects in Bug Databases, including Bonsai, Mantis, JIRA, and Test Track Pro.
- Proficient in writing, reviewing, and uploading bugs into databases, contributing to efficient bug management.
- Performed performance testing for Intel on high-end PC configurations across various gaming titles.
- Created and reviewed reports for Clients in the absence of Team Lead, maintaining clear communication channels.
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- Demonstrated proficiency in utilizing tools such as Xbox One Manager, FRAPS, and trdrop.
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### Java/Android Developer Transworld Technologies Ltd.

12/2016 - 06/2017

Pune, India

#### Achievements/Tasks

- Developed robust Java code for Vehicle Tracking System applications, ensuring efficiency and reliability.
- Utilized expertise in JavaScript, Ajax, and Node.js to enhance Java development, incorporating modern technologies for optimal solutions.
- Maintained and optimized existing applications, ensuring seamless functionality, and designed and delivered innovative new applications.
- Engineered custom mobile applications using native technologies, aligning with client specifications for tailored solutions.



## EDUCATION

### Bachelor of Engineering Modern Education Society's College of Engineering

07/2013 - 06/2016

#### Courses

- Computer Science



## COLLEGE PROJECTS

#### Virtual Reality Gaming. (04/2016 - 03/2017)

- Created an application designed to monitor user activity during gameplay, transmitting relevant data to a web server through strategically positioned sensors, LEDs, and lasers.
- The primary goal was to advocate for the adoption and utilization of the Internet of Things (IoT).

#### Bot With Gripper. (08/2014 - 07/2015)

- Engineered a remotely controlled robot featuring a functional gripper, proficient in grasping, lifting, and transporting small objects.
- This robot could be operated both wirelessly through a network and via physical wired connections.



## WORK PROJECTS (PYTHON)

#### Request Response Tool

Developed a tool to retrieve Altice USA's Ecommerce Enterprise Product Catalogue, facilitating website testing and streamlining the process.

#### Name Description Checker Tool

Developed a project-specific tool for Altice USA's Ecommerce testing, enabling name, description, and price comparisons efficiently.

#### EID Tool

Crafted a project-specific tool for Altice USA, streamlining retrieval of precise Eligibility ID and FTAX mappings from extensive data combinations.

#### Check Feasibility

Developed a tool for Altice USA's Fiber testing project, verifying Fiber to the Home (FTTH) port availability at specified addresses.

#### Netwin Helper

Created a tool to verify FTTH port occupancy at specific locations, providing account/house details if a port is occupied or reserved.

#### SMC-FQDN Tool

Developed a tool to rectify Media Gateway FQDN in failed orders, addressing instances where the gateway was linked to a different Non Ported Telephone Number (NPTN).



## LANGUAGES

#### English

Full Professional Proficiency

#### Hindi

Full Professional Proficiency

#### Marathi

Full Professional Proficiency

#### Malayalam

Full Professional Proficiency



## INTERESTS



Piano



Football



Rubik's Cube



Waveboarding



Skating



Coding



Gaming



Game Development