

# Irfan Basha

SOFTWARE ENGINEER - PYTHON DEVELOPER

Bangalore, KA

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## Skills

<b>Languages</b>	Python, C/C++
<b>Frameworks</b>	Django, Django Rest Framework
<b>Problem Solving</b>	Data Structure and Algorithms, Design Patterns
<b>Databases</b>	Redis, My-SQL, Big-Query, MongoDB
<b>Technologies</b>	GCP, Docker, GitHub, Bit-bucket
<b>Other Interest</b>	DevOps, Machine Learning, Artificial Intelligence

## Experience

### Radware(ShieldSquare)

Bangalore, KA

SOFTWARE ENGINEER - INTEGRATION

March 2019 - November 2019

- Discussed technical and design issues with other developers, managers, users or customers whenever necessary to achieve the best solution for new products.
- Built API-driven modules for *Varnish Cache Server* and *Apache HTTP Server* in C, providing backend capabilities to interface with other downstream APIs.
- Designed and developed a *Python Automation Framework* to automate the API functionality testing which resulted in a decrease in developers' testing time.
- Designed and developed a module called *ACL Feed Manager* in Python to feed IPs to the Fastly's ACL containers, in order to take action against bad traffic to the website.
- Automated the captcha and block page customization and hosting it on server whenever customer requested the changes in captcha and block templates. This reduced the support tickets of such requests from customers and decreased the time and efforts of developers in hosting it manually.

### ShieldSquare

Bangalore, KA

SOFTWARE ENGINEER

July 2018 - March 2019

- Designed and developed connectors from scratch for Bot Management Solution using *Python, Django, PHP, and WordPress* Technologies.
- Optimized code in a *Captcha module* that serves Google re-Captcha challenge to the bad requests. This included improved performance and maintainability which fastened the production deployment process.
- Developed easy to use documentation for the frameworks, connectors, and tools developed for adaption by customers and other teams.
- Provided Technical support to the customers having troubles in integration or environmental support issues.
- Resolved 100+ JIRA support issues by identifying the root cause and providing the fix on or before time.

### ShieldSquare

Bangalore, KA

PRODUCT INTEGRATION ENGINEER

April 2018 - July 2018

- Investigated on technology and recommended improvements to ensure strong functionality and optimization.
- Worked with experienced team members to conduct root cause analysis of issues, reviewed new and existing code and performed unit testing.
- Identify ideas to improve system performance and impact availability.
- Fixed Bugs in the existing API modules and improved performance.
- Created required user manuals and compatibility matrix documents for the new products.

### Wipro Technologies

Bangalore, KA

STUDENT - COMPUTER APPLICATIONS

August 2015 - May 2017

- Contributed to the development of UCCE application and modules.
- Reported Bugs by reviewing and debugging application code.
- Tested the application in a controlled virtual environment and gained experience in software testing.
- Created and Managed Jenkins build automation for automatic build deployment into multiple systems.
- Automated the daily test build with python script automation
- Participated in Daily/Weekly scrum meetings, retrospective, and sprint planning.

## Education

### MGR College of Arts and Science

Hosur, TN

BACHELOR OF COMPUTER SCIENCE

March 2012 - April 2015

- Major: Computer Science
- CGPA: 7.3