

## AMBIKA BHAT

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## SUMMARY OF QUALIFICATIONS

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- [?] Over 12 years of overall experience in software design & development including 5+ years of experience as a QA Automation Engineer
- [?] Hands on experience in setting up entire QA processes and test automation from scratch
- [?] Strong experience in software development using **Java, Python, C, C++**
- [?] Vast expertise in test automation using **Selenium, TestNG, Appium, Robot framework** and proprietary test automation framework for multiple mobile and wearable devices
- [?] Vast experience in test case development, testing of functional, sanity, regression, security and performance test cases for **Android, iOS and Linux** based apps, devices and NodeJS based cloud backend
- [?] Good experience in setting up CI/CD pipelines and test automation execution in **Jenkins**
- [?] Strong experience in design and development of middleware stack for multimedia applications like **VoIP**, conferencing, streaming on multiple H/w platforms and OS
- [?] Strong grasp of networking protocols: RTP, RTCP, SIP, UDP, SDP, IP, TCP
- [?] Vast experience working onsite for various clients such as Intel, Samsung, HTC and Nokia in India, USA, South Korea and Taiwan

## SKILLS

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- [?] Languages – Java, Python, C, C++
- [?] Tools – TestNg, SOAP UI, Burp Scanner, TestRail, GitHub, Appium, Selenium, Junit, Robot Framework, JMeter, adb, XCode, Eclipse, JIRA, Qmetry, Wireshark
- [?] Operating Systems - Windows, Android, Linux, Mac and iOS
- [?] Domain/Technology – Test automation, REST APIs, QA, VoIP, VVoIP, Multimedia middlewares

## PROFESSIONAL EXPERIENCE

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**QA Automation Engineer**  
**Pagefreezer Software Inc**

**07-2018 – Present**  
**Vancouver, Canada**

- [?] Responsible for and led the overall QA effort, test automation and release processes for all PageFreezer's products
- [?] Evaluated various test management tools, recommended & setup TestRail. Developed test cases for the entire PageFreezer product suite in TestRail.
- [?] Designed sanity, regression, performance, security, release test suites and executed manual testing for all sprint & major releases

- ☐ Designed & developed a TestNg based test automation framework from scratch. Developed extensible modules for reporting, logging and multiple social media website interaction. Automated over 200 test cases.
- ☐ Integrated automated tests with Jenkins/CI. The automated setup identified several critical bugs in CI and release testing
- ☐ Investigated automated tools for security testing, setup BURP scanner and performed security testing for all releases
- ☐ Setup SOAPUI for automated API testing and developed an automated API test suite

#### **Sr. QA Automation Engineer for Intel**

**01-2015 – 08-2017**

##### **Aricent Technologies**

**Hillsboro, USA**

- ☐ Developed & maintained detailed test plans, functional, sanity, regression and performance test cases for multiple Intel wearable and mobile devices
- ☐ Defined automation test strategy. Achieved 75% overall automation
- ☐ Executed test cases at a daily/weekly cadence, generated test reports, presented test results
- ☐ Created, executed and maintained test scripts in Python for mobile apps and web portals
- ☐ Developed Python based test automation framework for wearable devices using Robot Framework, Selenium and Appium
- ☐ Performed manual testing during critical time. Uncovered critical bugs, analyzed and triaged
- ☐ Trained and mentored junior automation engineers in test automation methodologies and best practices
- ☐ Collaborated with dev teams and QA managers and worked in an Agile environment
- ☐ Integrated test automation framework with Jenkins CI/CD pipeline and setup periodic runs and setup reporting

#### **QA Automation Engineer for Intel**

**02-2013 – 01-2015**

##### **Aricent Technologies**

**Hillsboro, USA**

- ☐ Developed libraries in Python for interacting with social networking services, for interacting with collaborative robots, mobile apps using Appium and web portals using Selenium
- ☐ Developed Intel proprietary automation framework from scratch
- ☐ Good experience in using, optimizing and enhancing open source automation framework
- ☐ Performed performance testing of web portals/REST API services using JMeter
- ☐ Improved test automation runtime by optimizing test suite setup and teardown
- ☐ Developed automated test cases for Android/iOS apps, wearable devices and cloud services
- ☐ Communicated, collaborated and worked in an Agile environment to deliver results

#### **Technical Lead**

**05-2010 – 02-2013**

##### **Aricent Technologies**

**Bangalore, India**

- ☐ Contributed to Architecting and Developing Aricent's multimedia middleware and codecs with industry leading performance for multiple applications like VoIP, VVoIP, IPTV and Conferencing on Android mobile and PC

- ❑ Implemented H264(RFC 3984), H263(RFC 4629) and AMR (RFC 4867) in Aricent's proprietary framework
- ❑ Ported VVoIP solutions on Windows 8 using WinRT APIs for HTC, Taiwan
- ❑ Enabled audio for VoIP solutions on Android and finetuned audio quality
- ❑ Delivered technical sessions on AMR RFC 4867

### **Senior Software Engineer**

**02-2008– 05-2010**

#### **Aricent Technologies**

**Bangalore, India**

- ❑ Involved in the critical development activities which includes - development of DivX MMF, AVI parser integration, DivX codec integration, DRM integration, 720p playback support
- ❑ Contributed to getting multiple Samsung phones DivX certified. Was responsible for the first DivX mobile theatre certification of a mobile phone
- ❑ Efficiently handled offshore team and customer interaction while at customer site and was responsible for delivering proprietary framework releases to Samsung, South Korea
- ❑ Developed HTTP wrapper for progressive download stack, audio and video sink for playback as part of progressive download project

### **Software Engineer**

**07-2006– 02-2008**

#### **Aricent Technologies**

**Bangalore, India**

- ❑ Developed video playback MDF Plug-in for MPEG4/H263 Encoder on Symbian platform
- ❑ Developed WMV controller for video playback with WMV video decoding on DSP processor, WMA audio decoding on ARM processor and ASF parser integration for file parsing
- ❑ Added video slow motion support for the MMF controller which was successfully demonstrated at MWC 2008 Spain

## **EDUCATION**

### **Bachelor of Engineering in Computer Science**

**2002 – 2006**

SDM College (Visvesvaraya Technological University), Dharwad, India