SAHITYA CHANDRAHAS SHETTY

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EDUCATIONAL QUALIFICATIONS:

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University of Maryland Baltimore County   *Graduated: May 2017*
Master of Science in Information Systems   *GPA: 3.77*
Savitribai Phule Pune University   *Graduated: May 2015*
Bachelor in Information Technology   *Grade: First class*

TECHNICAL SKILLS:

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Web Technology: HTML/HTML5, CSS/CSS3, AJAX, JSON, DOM, JavaScript, RESTful API, Java/J2EE, Python.
JavaScript Framework: jQuery, AngularJS, Bootstrap
Development Environment: WebStorm, IntelliJ, Sublime Text, Notepad++
Database: MySQL, PL/SQL
Test framework/Utility Tools: Jasmine, Karma, Chrome Web Inspector.
Process and Methodologies: SDLC(Agile), SCRUM, Object Oriented Programming.
Content Management Systems: WordPress.
Operating System: Windows, Mac, Linux.
Version Tool: GitHub.
Other Tools: Bower, NPM, Gulp, Grunt, Angular-Cli, JIRA.

WORK EXPERIENCE:

1) **Vensark Technologies – Web Developer Intern**   *(June 2014- May 2015)*
   Worked on project - *Web controlled robot for surveillance.* **(Java, JavaScript, HTML, PHP, Arduino processor)**
   - Developed a robot which can be operated from remote place using internet and can be used for surveillance.
   - Authenticated user can control the movement of robot and track its movement live through the web page.
   - Movement of robot can be tracked with the help of camera which is mounted on the robot.

2) **Bayshore Networks - Software Engineer Intern**   *(July 2016-August 2016)*
   Worked as a developer for two open source projects.
   - *File type detection using YARA wrapper.* **(Python, C, Linux)**
     Detecting several types of files by comparing the file type with YARA rule set.
   - *Non-port knocking usage by SSH client to server in Windows and Linux platform.* **(Python)**
     Added support to non-port knocking usage when the knockd port of server is disabled.

ACADEMIC PROJECTS:

1) **Address book application** (July 2017)
   - Developed a SCRUD application to Search, Add, Delete, Update and Read contact details in address book.
   - Developed UI using AngularJS and backend using Spring, Hibernate.
   - Developed REST API endpoints to load data from server.
   - Tested the application using Jasmine and Karma.
     (Technologies used: HTML, CSS, JavaScript, AngularJS 1.6, Spring, Hibernate, MySql, IntelliJ, WebStorm, Gulp, NPM)
2) **Pet recommender system** (Dec 2015)
   - Helps an individual make decisions easier to find a suitable dog that fit their house based on their requirements.
   - Used a simple heuristic based model to narrow down the match to suggest one or more dog.
     (Technologies used: HTML, CSS, JavaScript, Python, Django, Bootstrap)
3) **Branding for the Choice Job Program, Baltimore** (August 2016)
   - Designed several branding components for the client and built a prototype for sandwich ordering app.
   - Conducted an onsite interview with the client and came up with a design language for their café.
     (Technologies used: Illustrator, Inkscape, Invision, Marvel App, Wordpress)
4) **Hotel management system** (Dec 2015)
   - Developed an Oracle database system which helps user book a room, check room availability, delete or update booking and create user account.
   - Generates a bill once the user checks out from the hotel.
     (Technologies used: SQL, Oracle 10g)