SAHITYA SHETTY

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CAREER SUMMARY:

Proficient knowledge and experience of building user interactive software applications using AngularJS, Javascript and JQuery. A good grasp of data structures and algorithms used with database concepts and operation. Ability to work independently as well as in a team using agile development structure. Working knowledge of programming languages such as JavaScript, Python, C and Java. Having experience with working in startups, I have strong analytical and problem-solving skills. A quick learner, motivated to do well with excellent communication skills.

The two best projects that I have worked on till date was during my internship at Vensark Technologies where I developed a *'web controlled robot for surveillance'* which was developed using technologies like HTML, CSS, Javascript, PHP and Arduino Microprocessor. The other project which was a *'pet recommendation system'* in which the front end was created with Bootstrap UI components using HTML, CSS and were integrated with Python using Django framework.

PROFESSIONAL SUMMARY:

- 1+ year of experience working in a corporate environment as a **front-end UI/Web developer**.
- Strong technical skills in complex website development including web-based application.
- Expert in developing the front end/web applications using **HTML/HTML 5**, **CSS/CSS 3**, **JavaScript**, **AngularJS 1.6**, **JSON**, **AJAX**, **JQuery and Bootstrap**.
- Significant experience in designing and developing Single Page Applications and SCRUD applications using **AngularJS framework**.
- Hands-on experience in consuming **RESTful service using JavaScript**, **JQuery** and **AngularJS**.
- Solid experience of web service using **Ajax** for processing **JSON** between front-end and back-end.
- Experience on working with Custom Directives, Controllers, Services, Filters modules of **AngularJS**.
- Strong knowledge of debugging and troubleshooting existing code.
- Extensively worked on developing **REST and SOAP** based applications.
- Strong experience in IDE's like **WebStorm, Eclipse, Sublime Text 3 and IntelliJ**.
- Experience in **SQL (RDBMS)** database.
- Worked extensively in **Agile development process**.
- Experience in web application debugging skills using **Chrome developer's tool** and **IE developer's tool**.
- Solid proficiency with distributed version control tools such as **GIT**.
- Expertise in advanced JavaScript libraries and frameworks such as **JQuery and AngularJS**.
- Expertise in JavaScript testing framework like **Jasmine, Karma and JUnit**.

TECHNICAL SKILLS:

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, JIRA

EDUCATIONAL QUALIFICATIONS:

- **University of Maryland Baltimore County**   *Graduated: May 2017*
  Master of Science in Information Systems   *GPA: 3.77/4*
- **Savitribai Phule Pune University**   *Graduated: May 2015*
  Bachelor of Engineering in Information Technology.   *Grade: First Class*

PROFESSIONAL EXPERIENCE:

- **Bayshore Networks** (July 2016 – August 2016)
  Role: Software Engineer Intern
  Responsibilities:
  - Worked as a developer for two open source projects.
  - Project 1- *Y-extend: File type detection using YARA wrapper.*
  - 'yextend' was written to handle achieved content.
  - Added support to detect file type using YARA wrapper.
  - Detected several types of files by comparing the file type with YARA rule set.
  - Project 2- *Non-port knocking usage by SSH client to server in Windows and Linux platform.*
  - Used Python programming language to add support to non-port knocking usage when the knockd port of server is disabled.

- **Vensark Technologies, India** (June 2014 - May 2015)
  Role: Web Developer Intern
  Responsibilities:
  - Worked as a web developer intern on project "Web Controlled Robot for Surveillance".
  - Developed a robot which can be operated from remote place using internet and the robot can be used for surveillance where authenticated user can move the robot and view live streaming using web page.
  - Designed interactive web pages in standard-complaint dynamic HTML and CSS.
  - Developed a web page using HTML, CSS, JavaScript and Java which is used for video streaming.
  - Tested the application across several browsers.
  - Used Notepad++ for developing application and Arduino IDE for micro-controller programming.
  - Involved in writing unit test plans and developing test cases using Junit.
  - **Technologies Used: Java, JavaScript, HTML, PHP, Arduino processor.**

ACADEMIC PROJECT:

1) **Address Book Application (July 2017)**
   (Technologies Used: HTML, CSS, JavaScript, AngularJS, Spring, Hibernate, MySQL, Java)
   - Developed a SCRUD application to Search, Create, Read, Update and Delete contact details in address book.
   - Developed UI using HTML 5, CSS 3, JavaScript, AngularJS 1.6 and Bootstrap.
   - Built backend using Spring MVC and Hibernate.
   - Used project building tools like NPM, Bower and Gulp.
   - Tested the application using Karma and Jasmine.
   - Used **Ajax** for processing **JSON** between front-end and back-end.

2) **Pet recommender system (Dec 2015)**
   (Technologies Used: HTML, CSS, JavaScript, Python, Django, Bootstrap)

- Helps an individual make decision 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.
- Developed UI using HTML, CSS and Bootstrap.
- Used **AJAX** for data processing between the UI and backend.
- Developed the backend using Python and Django.

3) Branding for the Choice Job Program, Baltimore (August 2016)
(Technologies Used: Illustrator, Inkscape, Invision, Marvel App, Wordpress)
- 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.
- Designed sandwich ordering app prototype using Marvel App and Invision.
- Used Illustrator to design sandwich order form, café logo and slogan, airport and napkin holder.

4) Hotel management system (Dec 2015)
(Technologies Used: SQL, Oracle 10g)
- 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.