

# SARTHAK SHETH

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## PROFESSIONAL SUMMARY:

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- 3 years 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 5, CSS 3, JavaScript, AngularJS, JSON, AJAX, JQuery and Bootstrap**.
- Solid experience in designing and developing Single Page Applications using **AngularJS MVC framework**.
- Hands-on experience in consuming **RESTful service using JavaScript, JQuery and AngularJS**.
- Proficient in developing Responsive Web Design using **CSS 3 Media Queries and CSS Bootstrap**.
- Experience on working with Custom Directives, Controllers, Services, filters modules of AngularJS.
- Outstanding knowledge in 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) and NOSQL** database.
- Worked extensively in **Agile development process**.
- Expertise in advanced JavaScript libraries and frameworks such as **JQuery and AngularJS**.
- Expertise in JavaScript testing framework like **Jasmine, Karma and JUnit**.

## TECHNICAL SKILLS:

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- **Web Technologies:** HTML 5, CSS 3, JavaScript, Java, AJAX, JSON, RESTful API, TypeScript, Python, and SQL.
- **Frameworks:** AngularJS, Bootstrap, Spring MVC, Hibernate, JQuery.
- **Database:** Oracle 10g/9i, MySQL, MongoDB.
- **Operating System:** Windows, Mac, UNIX.
- **Development Environments:** IntelliJ, WebStorm, Eclipse, NetBeans, Sublime Text3, Notepad++.
- **Tools / Software:** GIT, Slack, Bower, NPM Gulp, Grunt, Visual Studio, Microsoft office.
- **Concepts:** Data Structures, Algorithms, OOP and Databases.
- **Methodologies:** Agile(SCRUM), Waterfall, TDD.

## PROFESSIONAL EXPERIENCE:

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- **Integra Technologies LLC** (June 2017 - Present)  
**Role: Front End – Angular Developer**  
**Responsibilities:**
  - Working on various Single Page Web applications and SCRUD applications for clients.
  - Building user interface using HTML, CSS, JavaScript, AngularJS, JQuery and AJAX.
  - Designing different application like Car tracker system, Bus reservation system etc.
  - Creating pages for login using single sign on, main page containing favorites and page for continuous integration configuration.
  - Designing and developing web applications using CSS pre-processors.
  - Improved performance and response time of the application by implementing AJAX.
  - Using JavaScript for developing UI components like drop-down, data driven menu customization.
  - Created user interface and navigation structure.
  - Designing applications using Agile Methodology.

- Technologies Used: HTML, CSS, JavaScript, AngularJS, JQuery, AJAX.
- **George Mason University, VA** (August 2016- May 2017)  
**Role: Graduate Teaching Assistant**  
**Responsibilities:**
  - Assisted Dr. Irene Bruno in course “Discrete Structures”.
  - Taught and helped undergraduate students with their course work.
  - Solved queries on Python programming and Set theory.
  - Grade student’s assignments and meeting students during office Hours.
  - Collaborated with teachers to monitor the development of each student.
  - Important topics were: Python Programming, Boolean algebra, Set theory, Probability, trigonometry.
- **Axle Informatics, MD** (May 2016 - August 2016)  
**Role: Front End Programming Intern**  
**Responsibilities:**
  - Worked as a front-end developer for an open source application named “LabShare” developed by National Institute of Health (NIAID).
  - Developed a module called VolSlicer which provides interactive visualization of 3D image data.
  - Implemented user Interface (UI) using HTML 5, CSS 3, JavaScript and AngularJS.
  - Used Sublime Text 3 as IDE tool to develop the application and GitHub as a version control tool.
  - Involved in complete development of ‘Agile Development Methodology/ SCRUM’ and tested the application in each iteration.
  - Used Jasmine/Karma for unit testing.
  - Created and tested scripts using JQuery on various browsers like Chrome, Firefox, Safari, Opera, IE etc.
  - Technologies Used: JavaScript, HTML5, CSS3, AngularJS, JQuery, WebGL, Node.JS.
- **Vensark Technologies LLP, India** (June 2014 - May 2015)  
**Role: UI developer**  
**Responsibilities:**
  - Worked as a UI developer 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.
  - Implemented page designs in standard-complaint dynamic HTML and CSS.
  - Developed a web page using HTML, CSS and JavaScript which is used for video streaming.
  - Responsible in code optimizing and test across browsers.
  - Used Notepad++ for developing web page and Arduino IDE for microcontroller programming.
  - Involved in writing unit test plans and developing test cases using Junit.
  - Technologies Used: Java, JavaScript, HTML, PHP, Arduino processor.

## EDUCATIONAL QUALIFICATIONS:

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|--|----------------------------|
| ● <b>George Mason University, VA</b>                 | <i>Graduated: May 2017</i> |
| ○ Master of Science in Computer Science              | <i>GPA: 3.43/4</i>         |
| ● <b>University of Pune, India</b>                   | <i>Graduated: May 2015</i> |
| ○ Bachelor of Engineering in Information Technology. | <i>Grade: First Class</i>  |

## ACADEMIC PROJECT:

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- **Secure Software Programming Project** (January 2016 - May 2016)

**Description:**

- Developed a secure software programming game “Who Wants to be a Millionaire” using JSP, servlets, HTML and CSS.
- Hosted a multiplayer game on localhost in which more than one person can participate and play.
- Improved the performance and response time of application by implementing AJAX.
- Developed JavaBeans and used custom tag libraries for embedding dynamic into JSP pages.
- Implemented Security features like input validation, SSL/TLS, fault tolerance, SQL injection, salted hashes for password, buffer overflow.

**(Technology Used: Java, JSP, Servlets, HTML, CSS, Oracle10g, Apache-Tomcat 8)**

- **University Course Website** (August 2016 - December 2016)

**Description:**

- Developed a course website for “Software Engineering for WWW” course.
- Focused mainly on client and server side software design and development.
- Used JSP to get data from the server and display it on client side.
- Performed client side validation using JavaScript.

**(Technologies Used: HTML5, CSS3, JavaScript, Ajax, jQuery, Servlets, JSP, MVC architecture, JDBC)**

- **Employee Data Application** (February 2017 – May 2017)

**Description:**

- Developed a Single Page Application of Employee Data.
- This is a full stack application developed using Angular MVC for front end and Spring MVC for backend and MySQL as a database.
- Extensively worked on RESTful web services.

**(Technologies Used: HTML 5, CSS 3, AngularJS, Spring MVC, MySQL)**

- **Address Book Application** (July 2017 – August 2017)

**Description:**

- 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 and Bootstrap.
- Built backend using Spring MVC and Hibernate.
- Used project building tools like NPM, Bower and Gulp.

**(Technologies Using: HTML, CSS, JavaScript, AngularJS, Spring, Hibernate, MySQL, Java)**