

SHRADDHA SINHA

GitHub URL: <https://github.com/ShraddhaSinha>



CAREER OBJECTIVE

To get into a profession that is challenging and encouraging and offers great deal of exposure to latest trends.

WORK EXPERIENCE

- Currently undergoing hands-on FullStack Web Developer course at WebStack Academy (<http://www.webstackacademy.com>), Bangalore
- 1.4 years of experience in user Interface Design and development including coding, debugging technical issues in JavaScript Frameworks like Ext JS, and Webix under windows Platform, at Point Cross Private Ltd (<http://www.pointcrosslifesciences.com>), Bengaluru as Software Engineer.

TECHNICAL SKILLS

- **Front End Technologies:**
 - HTML5
 - CSS3
 - Bootstrap 4
 - JavaScript
 - TypeScript
 - Angular 6
- **Back End Technologies:**
 - Core Java
 - My SQL
- **Foundation Paradigms:**
 - Object Oriented Programming (OOP)
 - Design Pattern - MVC
 - Document Object Model (DOM)
 - HTTP
 - REST APIS
 - JSON
 - AJAX
- **Development environment and tools:**
 - Development platform: Ubuntu 16.04 LTS
 - Editor: Bracket ,Notepad ++, VS Code
 - Firebase configuration and backend integration
 - Webserver and packages: Apache Tomcat server, NPM, Angular CLI
 - Version control: GIT

- Browser Debugger tools

COURSE WORK

- Data structures and Algorithms
- Operating Systems

PERSONAL ATTRIBUTES

- Ability to adapt to a changing environments whilst keeping to tight deadlines
- Going for that extra mile
- Comprehensive problem-solving abilities, Multitasking abilities
- Willingness to take up ownership

EDUCATION

- Post-Graduation Diploma in Advance Computing, CDAC – Bengaluru, 63% , 2016
- B.E (ISE), VTU University, 55.91%, 2011-2015
- Class – XII, State Board of Karnataka, 52.66%, 2011
- Class – X, CBSE, 76.2%, 2009

PROJECTS AT WSA

Project Number:1	
Title	Whack a Penguin
Project brief	Whack a penguin is a game, which will be played by a single user. Whenever user click on yeti image it should pop – up a penguin. If not, then user should get a message “ROARRRRRRR”
Technologies used	HTML5, CSS3, Java Script
My role	Developer
Key challenges and learning	To satisfy all the test cases on yeti image occurrence was a challenge. This was solved after adding more specific conditional checks in the code.

Project Number:2	
Title	To Do List
Project brief	Create a simple To Do List using Local storage and perform basic operations like read write update and delete.
Technologies used	HTML5, CSS3, Java Script
My role	Developer
Key challenges and learning	As we are using local storage, when page is refreshed n number of times, the data was not fetched that was stored at first. It was solved by fetching the local storage data on the onload event of the page.

Project Number:3	
Title	Nim Game
Project brief	Nim is a mathematical game of strategy in which two players take turns removing objects from distinct heaps, the player that finishes first, wins.
Technologies used	HTML5, CSS3, Java Script
My role	Developer
Key challenges and learning	The method of choosing to reduce the objects by maintaining two different heaps for the players was a challenge, which was solved by using single heap for both the players making it easy, efficient with less lines of code.

Project Number:4	
Title	My Portfolio
Project brief	An introduction about me and my family .
Technologies used	HTML5, CSS3, Java Script
My role	Developer
Key challenges and learning	Image alignments that were solved after getting a better understanding of HTML layouts

WORK EXPERIENCE PROJECTS

Project at PointCross.com Pvt. Ltd	
Title	Clinical study Workflow Suite
My role	UI/UX Developer
Duration	Dec 2016 – April 2018
Tools	AJAX , JSON and XML , Browser Debugger tools
Framework	Ext JS 5.1 MVVM
Language	Core Java
Project Brief	<p>This suite simplifies the way CRO's (Contract Research Organizations) submit their research findings to the regulatory authorities like FDA before the developed drug is released to the market.</p> <p>Provides Web interfaces for users based on their assigned roles to initiate studies, upload the findings before it is finally submitted to the regulatory authorities.</p>
Contributions	<ul style="list-style-type: none"> • Re-designed and re-developed the entire UI • Solved compatibility issues in order to make the application run in devices like tablets.

	<ul style="list-style-type: none"> Developed the Business base for the application, as there are multiple clients and the application provides different combinations of services from the same suite. Business Base allows us to choose from various set of client service applications. Solved cross browser compatibility issues for IE 8 and below. Added CRUD operation Functionality to the SWP module of the XBIOM suite. Solved many UI related bugs in all the modules of the suite. Solved many data related bugs in all the modules of the suite. developed the model management grid module in a new framework of JavaScript called Webix.
Key challenges and learning	<ul style="list-style-type: none"> All the modules of the suite are developed on different versions of EXTJs, to solved a common issue in various modules was a challenge. It was eased after figuring out the right syntax and method required for every module. To understand the flow of the entire application at the beginning as various bugs were assigned with deadlines. This was easy after extra time was spent on debugging and analyzing the code.

ACADEMIC PROJECTS

CDAC Project	
Title	Online Property Sale
My role	Developer , Tester , Documentation
Duration	June 2016 – Aug 2016
Framework	Servlet
Language	Java
Project Brief	The online property sale is intended to give online purchasing and selling facilities of properties like bungalow, row houses , apartments, commercial offices, lands etc. to customers.
Key challenges and learning	To figure out session timeout errors which was solved by configuring the session in the server rather programmatically.
B.E Project	
Title	Product Demand Forecasting using Data Mining
My role	Developer , Tester , Documentation
Duration	Sept 2014 – Feb 2015
Framework	DOTNET
Language	C#.NET , ASP.NET 4.0
Project Brief	A web enabled application which helps the business in predicting the demand for the products before the manufacturing of the products.
Key challenges and learning	As the new product demand prediction based on similar products sales data, fetching the sales data was a challenge, this was solved by creating a duplicate sales data repository for various products by survey.