

RAHIL SHARMA

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Website - rahilsharma.tk

EDUCATION / CERTIFICATIONS / AWARDS

B-Tech in Computer Science and Engineering from VIT University,Vellore

8.48/10 CGPA (2009-2013)

Class 12 from DPS Bhopal (CBSE BOARD)

88.2% (2009)

Class 10 from DPS Bhopal (CBSE BOARD)

87.4%(2007)

- **Microsoft Certified Professional - Developing ASP.NET MVC Web Applications**
- **OCJP 6 - Oracle Certified Professional, Java SE 6 Programmer**
- Cognizant Certified Student Award.
- Global Recognition Award (Bronze Award) at Bank Of America.

TECHNICAL SKILLS

Key Skills : JQuery , React JS, Angular JS, Javascript , Bootstrap , HTML , CSS , Rest / Soap, C# , ASP.NET MVC 4.

- **Languages** : C# , Java , Php.
- **Web Technologies** : **React JS, Angular JS, Bootstrap , JQuery** , JavaScript , HTML , CSS3 , Ajax, **socket.io** , ASP.NET MVC 4,SignalR, **Responsive Web Design** ,WebSockets , **Node Js** , **Parse.com**
- **Databases** : MySQL , MongoDB , Microsoft Sql Server.

Some of the **Live Sites** that I have worked on :

- WarCircle.com
- rahilsharma.tk
- Ondoor.com
- Talkoot.in

WORK EXPERIENCE

Employer : **Bank Of America** (Hyderabad)

Designation : Senior Tech Associate

Tenure : July 2013 to Sept 2015 (2 years 1 month)

I was part of **Automation Governance and Innovation Team** in CBT (Consumer Banking Technologies) department of Bank Of America.My team developed a testing tool called ExACT that got **patented**.

(1) **ExACT – Extrapolatory and Automation Certification Tool** (Bank Of America , Hyderabad 2013/2014)

Responsibilities : My responsibilities included design,development,unit testing and integration with other systems.Some key features implemented by me were using Global low level keyboard and mouse hooks to design screenshot and video playback utility , designed bulk upload utility for HPs QC using OTA library.

(2)**AGTI ScreenCapture Utility** (Bank Of America , Hyderabad 2014)

Responsibilities : I implemented 4 key features in the tool :- Capture Screenshots using global keyword / mouse hooks , Capture Screenshot using HotKeys / ShortCut keys , Excel/Word Support using OpenXML library , Capture Screenshots of Active Window / or when window changes.

(3)**HTTP BASED WEB SIMULATOR** (Bank Of America , Hyderabad 2014)

Responsibilities :I designed a command line based web simulator. It uses HttpWebRequest library provided by the .Net framework.Wrote a library based on HttpWebRequest library in .Net.

(4)AGTI Auto Data Provisioning Tool (Bank Of America , Hyderabad 2014/2015)

Responsibilities: I worked as **Full Stack Developer** , I designed complete website as a **single page app** from scratch , also implemented **soap based services** for the backend , designed a **push notification** based system for backend jobs using SignalR , designed schedulers for IIS , also used various jquery grids and data representation libraries like highcharts and raphael for front end.

(5)Travel-Flag (Bank Of America , Hyderabad 2015)

Responsibilities: I worked as Front End Developer. My main responsibility was to integrate **foundation** framework with existing design and make website **responsive**.

Employer : Talkoot.in (Bangalore)

Designation : **Senior Developer**

Tenure : Dec 2015 to present

(1)Talkoot.in (Social platform for Investors / Traders)

I am working as a Senior Web Developer in Talkoot.in . It's a social platform for traders and investors. I am currently using React Js in the front end and Node js in the backend. Key technologies /features that I have used :

- Web based push notifications using GCM.
- Real Time Chat using websockets (socket.io)
- Link Preview feature which crawls websites to generate a preview.
- Canvas based image resizer which creates a preview / thumbnail images at client side and saves them to AWS S3 storage.
- Parse.com to parse-server (node) migration , mongodb indexing + monitoring.
- Load Testing on nodejs and mongodb servers using Soap UI.

Other Projects

(1)Ondoor.com(Online Grocery Supermarket)

Developed and designed ondoor.com using Opencart Framework(PHP). I also designed commont **rest APIs** for android and IOS apps.

(2)Warcircle.com

Responsibilities: Worked on the front end for Warcircle.com using React Js framework.

Summer Internship At BSNL , Bhopal

Duration : May 2012 to June 2012 (2 months)

Employer: BSNL , Bhopal.

I worked on installation and maintenance of dedicated leased circuits / lines for high speed internet access.

ACADEMIC PROJECTS

(1) Title: Web crawler / search engine implemented in php/mysql.

Duration : FEB 2012 – MARCH 2012

Description : It is a medium sized search engine which can be used by small websites . The front end is built in Php,Html,CSS and back end is based on a Mysql server.

(2) Title : Implementation / Detection of **fake AP attacks** in open wireless networks.

Duration : FEB 2011 – MAR 2013

Environment: Linux

Languages : **Python** , Bash Shell Scripts.

Tools Used : SSLStrip,Airmon-ng,WireShark,Airodump,dhcp3 sever,SET toolkit,ettercap,

Description : It is a collection of shell scripts that automate the task of doing a **fake ap / rouge ap attack** .

I also provided two solutions to detect the fake ap attacks .

OTHER PROJECTS

1)Automatic Captcha Filling Plugin – Made a Plugin for Chrome browser which will automatically fill the word based captcha.

2)Hospital Management System – Designed in PHP and MySQL .

GITHUB PROFILE : <https://github.com/rs91092>

PUBLISHED PAPERS

Implementation / Detection of Fake Access Points In Open Wireless Networks published in International Journal Of Multidisciplinary Research Academy. (IJMRA)

Publication ID – IJMRA 4400 ISSN: 2347-6532

QUALITIES

Result oriented, self driven, highly motivated, smart and hungry to learn new technologies, methodologies, strategies and processes.

PERSONAL DETAILS

Date of birth : 09-10-1992

Gender : Male

Nationality : Indian

Languages Known : Hindi,English,French.

Public Profiles : Linked IN - <https://www.linkedin.com/pub/rahil-sharma/63/33/693>
Github - <https://github.com/rahilsharma>

Website : <http://rahilsharma.tk>