Akshay Krishna Radhakrishna

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SUMMARY:
Self-motivated Masters graduate in computer science with 3+ years of work experience in Web Application development.

EDUCATIONAL QUALIFICATION:

Masters in Computer Science   Fall 2013 – Fall 2015
University of Texas at Arlington, Texas   GPA: 3.7/4

Bachelors of Engineering in Information Science and Engineering   Sept 2007 - June 2011
Visvesvaraya Technological University, India (Don Bosco Institute of Technology, Bangalore, India)   GPA: 3.8/4

WORK EXPERIENCE:

Iron Orchard, Warwick, New York – User Interface Intern   Jan 2015 – May 2015
- Worked on various client projects based on Sitecore CMS, ASP.NET, Angular JS and jQuery.

Polycom, Austin, Texas (via Kelly Services) – Web Developer Summer Intern   June 2014 – Aug 2014
- Built a video conferencing web application for HR Interview Processing using Node.js, socket.io, WebRTC, HTML5, CSS3 and jQuery.

Infosys Technologies Ltd, Bangalore, India- Systems Engineer   Sept 2011 – July 2013
- Worked on an intranet social networking web application based on Microsoft Sharepoint 2010
- Animated report generation for a client using JavaScript and jQuery.
- Trained in C# and ASP.NET.
- Training CGPA of 4.56/5.

TECHNICAL SKILLS:

SKILL	ADVANCED	INTERMEDIATE	BEGINNER
Programming Languages	Node.js, C#	C++, PHP	Java
Frontend	HTML5, CSS3, Javascript, Object oriented javascript, jQuery, Ajax	Twitter Bootstrap, Angular JS, LESS	Dojo, WebRTC
Backend	Microsoft SQL, NoSQL, MongoDB	MySQL, XML, XPath, Xquery	Amazon AWS, Hadoop
Tools and Frameworks	ASP.NET	Microsoft Visual Studio 2010, Adobe Photoshop 7/CS5	Sitecore CMS, Jira, Microsoft Sharepoint 2010
Others	Windows 7/8/10	REST API, Linux- Ubuntu	Secure programming

PROJECTS:

Independent Projects:

- **My portfolio website:** My resume website that exemplifies my skill sets, work experience and expertise.
  Link: http://akshayradhakrishna.com/
  Github: https://github.com/akshay2607/akshay2607.github.io
  Technologies Used: HTML5, CSS3, Javascript, Angular JS, Bootstrap.

- **Multi Room chat application:** A web application which allows user to sign up, login, create and join rooms, chat with online peers.
  Link: http://52.26.21.178:2222/
  Technologies used: Node.js, MongoDB, Socket.io, HTML5, CSS3, jQuery, Bootstrap.

Professional Projects:

- **HR Recruiting Web Application**: A web application widget to help HR's schedule and conduct video conferencing Interviews over the browser.
  Link: https://github.com/akshay2607/akshay2607.github.io/blob/master/pdf/project_HR.pdf
  Technologies used: Node.js, MongoDB, Socket.io, WebRTC, HTML5, CSS3, jQuery and Bootstrap.

- Animated reports and chart generation using JavaScript and jQuery for an ASP.NET MVC web application.
  Technologies used: ASP.NET MVC 3, JavaScript, jQuery.

- **Social Networking intranet website:** It is a product designed to create a social networking environment for an organization and its employees using Microsoft Sharepoint as a platform.
  Responsibilities in this project:
    - Developing a threaded discussion where users can post a discussion, like/dislike, edit or delete and add reply to it.
    - Create, fetch and display feeds for the entire application, similar to notifications.
  Technologies used: Microsoft Sharepoint 2010, ASP.NET, jQuery.

- **Test booking site:** A site to book and cancel a test in a test center in a respective time slot.
  Technologies used: Windows forms, WCF, SQL, HTML, JavaScript

Academic Projects:

- **Assisted diagnosis healthcare information system:** Healthcare web application that predicts possible diagnosis for each symptom. Features - Select or enter symptom, add demographic filter (age, sex and race), get additional information on each predicted diagnosis (avg length of stay and discharge status).
  Link: http://52.26.21.178:3333/
  Technologies used: Node.js, MySQL, Socket.io, HTML5, CSS3, jQuery, Bootstrap.

- **Movie Web Application:** A movie search web application based on TMDB API. A list of movies accompanied with the search item along with their descriptions.
  Link: http://omega.uta.edu/~akr1007/movie/movies.html
  Technologies used: PHP, JavaScript, AJAX.

- **Pong game:** Built a pong game which is purely based on JavaScript.
  Link: http://omega.uta.edu/~akr1007/PingPong/pong.html

- **Restaurant Search Web Application:** A web application to display the best restaurants on a Map. User can drag the map to a location and the best restaurants in that region will be displayed.
  Link: http://omega.uta.edu/~akr1007/restaurant/yelp.html
  Technologies used: Yelp API V2.0, Google Maps JavaScript API V3, AJAX, JSON and JavaScript.

- **Amazon Web Services – Measuring Performance:** Measuring time of uploading files to amazon S3 from local system, amazon EC2 instance and transferring data from amazon S3 to amazon RDS in EC2.
  Technologies used: Amazon S3, Amazon EC2, Amazon RDS, Python (Boto).

- **Hadoop MapReduce Word Count:** Counting number of words in books or novels of varying size and also to compare the performance by varying the number of mappers and reducers.
  Technologies Used: Hadoop MapReduce, Java.

- **Dropbox Notification application:** Built a Dropbox notifier application which notifies (Real Time) the user of any changes made to the documents in a Dropbox folder.
  Technologies used: Dropbox Core API, Python.