**Krishna Vemuganti**

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**SUMMARY**

* 10 years of work experience in IT industry
  + Private, government, and startup environments
  + Accessibility tester/analyst, QA analyst/tester, web developer, system analyst, and research specialist.
* MSCIS (Master’s degree in Computer Information System)
* LinkedIn Recommendations (see profile - <https://www.linkedin.com/pub/krishna-vemuganti/2/33/67a>)

**EXPERIENCE**

HHSC (Health and Human Services Commission) | Austin, TX | February 12, 2018 – Present

**Program Specialist IV - Accessibility Specialist**

* Remediate Adobe PDF, Microsoft Excel, Microsoft Word, and Microsoft PowerPoint files for accessibility.
* Testing internal web applications and public websites for accessibility using the following tools- Color Contrast Analyzer, Wave (alt text and forms labels), WAT toolbar (tables, disable CSS, etc.), JAWs screen reader, and NVDA screen reader.
* Testing mobile web applications and web sites for accessibility using Android TalkBack

DSHS (Department of State Health Services) | Austin, TX | August 06, 2012 – July 05, 2017

**Accessibility/508 Compliance Analyst/ Tester**

* Remediate Adobe PDF, Microsoft Excel, Microsoft Word, and Microsoft PowerPoint files for accessibility.
* Testing internal web applications and public websites for accessibility using the following tools- Color Contrast Analyzer, Wave (alt text and forms labels), WAT toolbar (tables, disable CSS, etc.), JAWs screen reader, and NVDA screen reader.
* Testing mobile web applications and web sites for accessibility using Android TalkBack

Medicus Insurance | Austin, TX | March 21, 2011 – June 3, 2011

**QA Analyst**

* Environment (PHP)
  + Requirements gathering, test case generation and execution
  + Used Selenium (Firefox plugin) to create automated test scripts
  + Used Redmine (bug reporting tool) to track and manage bugs

TCEQ | Austin, TX | July 17, 2006 - July 1, 2010

**System Analyst II (UI Designer/ Developer)**

* Environment (ColdFusion and Java)
  + Performed analysis, implementation, and maintenance of computer systems and software projects.
  + Participated in the design of information systems.
  + Assisted the technical lead/ team lead of the software development team on large software development projects.
  + Gathered information and produced documentation for software development projects by communicating with team members and customers.
  + Performed test activities.
  + Assisted team lead/ technical lead in gathering project requirements using interviews, JAD sessions, and project meetings.
  + Tested web applications on web browsers for 508 and Accessibility compliance.
    - Used W3C to check applications for markup validity of Web documents in HTML, XHTML, SMIL, MathML, etc
    - Used JAWs (Job Access With Speech) screen reader in testing web applications to ensure that physically impaired users, are able to navigate the web application successfully using the JAWs commands
  + Created wireframes/ mockup screens for web application using Axure RP applications.
    - Went through the process of first creating the wireframes, then the mockups, and finally the prototypes.
    - Made sure user interface of web application met 508 (accessibility) requirements.
    - Translated client requirements and user data into web application user interface designs that featured elegance, simplicity, and ease of use.
  + Developed ColdFusion web application using Dreamweaver.
  + Maintained software design documents.
  + Used Adobe Photoshop to edit images and then add to software design document.
  + Award(s)
    - **ePermits** team project

HHSC (Texas Health and Human Services Commission) | Austin, TX | June 27-July 14, 2006

**System Analyst**

* Environment (VB)
  + Tested applications by identifying, logging, and resolving software bugs using Bugzilla.
  + Identified potential problems in the software implementation and recommended solutions.
  + Wrote web application Help Files. (Activities in which the applicant will assist Programmer).
  + Worked with the lead developer on analysis, implementation, and maintenance of updates as needed.
  + Developed new modules, features, and reports to support the business and marketing needs.
  + Developed working knowledge of back-end applications and database structures.
  + Developed and executed ad-hoc database queries for management and users.
  + Updated the system by adding additional reports.
  + Developed and maintained technical and end-user documentation.
  + Developed and documented quality assurance routines to verify integrity of data.

Symantec/Whole Security | Austin, TX | August 22, 2005-March 17, 2006

**Research Specialist**

* Environment(VMware)
  + Researched processes/applications running on a Windows Vista PCs (using VMware application) and determining whether or not they are viruses/Trojans.
    - Labeled these processes/applications as viruses, unknown, or safe files.
      * Updated this information on the company’s database so that the user of the company’s software will have updated information/patches.

Merrill Lynch | Austin, TX | June 14, 2005-August 18, 2005

**Intern**

* Environment (MS Excel)
  + Helped the financial advisor with the following administrative tasks:
  + Filed papers or client information in their respective folders.
  + Researched their client information and making sure they are updated online and on their database
  + Mailed out letters to their clients.
  + Used Excel software in calculating the allocation of a client's portfolio.
  + Learned from my supervisor on how to talk with customers/clients.

TCEQ | Austin, TX | Oct. 08, 2003 - Feb. 06, 2004

**Database Administrator (Internship)**

* Environment (Quattro Pro and Parardox)
  + Gathered, organized, analyzed, and stored data from **Quattro Pro** into database (**Paradox**) for Air Permits Division.

InnovativeSoft Corporation | Addison, TX | August 2004 – February 2005

**Webmaster**

* Environment (HTML, Dreamweaver, Fireworks, and Adobe Photoshop)
  + Designed and developed a website for InnovativeSoft. This website allowed clients to get company information and sent information to the company.
  + Developed using Web-based tools:
    - **Dreamweaver MX** - Used to create website, templates for website, and FTP (transfer) files from computer to web server.
    - **Fireworks MX** - Used to create navigation bar and pop-up menus.
  + Hand-coded **HTML** (without the aid of any visual development tool) using Notepad.
  + Used **Adobe Photoshop** to create graphics and navigation links.
  + Used Forms to allow clients to sent information to company.
  + Used **JDBC-ODBC** bridge for database connectivity.
  + Used IIS as Web server running on pentium hardware.
  + Planned, created, and maintained website.

Gandhi Bazaar | Austin, TX | March - April 2003

**Database Administrator - Movie Database**

* Environment (MS Access)
  + Gathered, organized, analyzed, and stored movie data into database (Microsoft Access) for video store.

Lyon Advertising | Austin, TX | June-September 2000

**HTML Editor**

* Environment (HTML, Allaire Homsite, FTP, and Adobe Photoshop)
  + Maintained websites for the advertising company’s clients.
  + Maintained the website using Web-based tools:
  + Hand-coded **HTML** using Notepad, **Allaire Homesite**.
  + Used **FTP** to transfer files from computer to web server.
  + Used **Adobe Photoshop** to edit graphics and navigation links.
  + Edited Forms according the client’s specifications.
  + Used IIS as Web server running on pentium hardware.
  + Planned, created, and maintained client’s website.

Motorola | Austin, TX | May-August 1998

**Silicon Chip Quality Tester (Summer Internship)**

* Environment (HTML, Netscape Composer, Unix, and Frame Maker)
  + Designed webpage/ homepage for the N.A. Besi Design Department, using Netscape Composer, so that our division can exchange information with other divisions of the company.
  + Tested & analyzed silicon chips to see if they worked under different temperatures.
  + Gathered, organized, and analyzed the data.
  + Converted the data in PDF format into HTML document, using **Frame Maker** software, to post on department website
  + Used **Unix** to store some of the data into files and folders

**TECHNICAL SKILLS**

* Programming Languages
  + School projects
    - C++, Visual Basic.NET, ASP.NET, Java, SQL, Haskell, Pascal, UNIX, PHP, CSS, and JavaScript
  + Work Experience
    - HTML/XHTML and ColdFusion
* Web Tools
  + Work Experience
    - Allaire Homesite, Dreamweaver, TCP/IP, Adobe Photoshop, Oversite, Axure RP, JAWs (screen reader software), and Subversion (SVN - source control technology)
* Applications
  + School projects
    - Microsoft Office (Word, Access, Powerpoint, Excel), Microsoft Visio, JBuilder 3, Visual Age for Java, Circuit Maker, mySQL, and MS SQL Server 2000
  + Work Experience
    - IBM RSA (Rational Software Architect), Microsoft Office (Word, Access, Powerpoint, Excel), Microsoft Visio, Quattro Pro, IBM Websphere
* Operating Systems
  + Linux (Mandrake & Linspire); Windows 95, 98, 2000, NT & XP; MS-DOS, SunOS
* Certification/ Training
  + Certified **Web Yoda Associate Webmaster (WAW)** and **Web Yoda Certified Webmaster (WCW)**.
  + Microsoft .NET (C#, ASP.NET, XML, SQL Server) training in New Jersey (2005)

**BUSINESS SKILLS**

* School projects/ work experience
  + Accounting, Finance, Marketing, Management, Communication, and Presentation skills

**EDUCATION**

* St. Edwards University (Austin, TX)
  + Masters degree in Computer Information Systems (MSCIS)
    - Graduated December 2007
* Texas State University (San Marcos, TX)
  + B.B.A. (Bachelors in Business Administration) in Computer Information Systems
    - Graduated May 2004