

Rishikesh Ghanti

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OBJECTIVE

Seeking a challenging software engineering position in an organization that rewards dedication and proficiency.

EDUCATION

Master of Science in Computer Science

May 2017

Wichita State University, Wichita, Kansas.

Bachelor of Engineering in Computer Science

June 2014

B.V.B. College of Engineering and Technology, Hubli, India.

SKILLS

- Java, C/C++, C#, ASP.Net
- HTML5, CSS3, JavaScript, AngularJS, jQuery
- Bootstrap, PHP, XML, Ajax.
- MySQL, SQLite, PLSQL, PostgreSQL.
- Agile methodologies and Git/TFS repository's
- Working knowledge of OOP programming, Data Structures & Algorithms, Design Patterns and Testing methodologies.

WORK EXPERIENCE

Full Stack Developer, Pleasanton, USA – (INSZoom)

October 2017 - Present

- Worked towards implementing new modules/enhancement features for clients by owning the responsibility of designing and executing it.
- Interacted with the client facing team to resolve issues on managing the ticketing system on resolving bugs and other issues raised by clients.
- Designed and Integrated a third-party API (Duo Security) for two-factor authentication to improve the security of the product which added value in growing the sales of the product.
- Working on improving the run time performance of generating reports through stored procedures.

Software Developer, Wichita, USA – (Library Technologies - WSU)

February 2017 – June 2017

- Designed and implemented a web framework in the university library to analyze statistical data and helped in generating live reports by integrating google graphs API which led the staff to better use resources and people
- Live data from various software's in the university was captured and analyzed to derive usage of resources such as computers, printers, books, study rooms, laptops, study areas and much more.
- Implemented a Java jar application and used JDBC to connect to MySQL database to extract and analyze data.

Frontend Developer, Wichita, USA – (Training & Technology Team - WSU)

February 2016 - August 2016

- Developed web pages on ASP.Net for various portals such as medical, student unions, State governments.
- Stringent guidelines such as web accessibility, coding standards were followed as per the WCAG 2.0.
- Improved documentation of QA testing practices to enhance their repeatability, saving time and money and encouraging testing standardization and best practices.

ACADEMIC AND INDEPENDENT PROJECTS

Web Crawler for Sentimental Analysis on GDELT Dataset (Java, Big Data, Hadoop, AWS)

January 2017

- Analyzed data from Global Database of Events, Language & Tone(GDELT), if news articles were positive or negative based on the lexicon analysis.
- Developed a web crawler to crawl through the internet and scrape out the HTML data using Jsoup java library.
- Implemented Hadoop MapReduce technique and implemented it on Amazon AWS EC2 to improve speeds of execution and to handle large data set.

Web Firewall Design with SDN (Python, Mininet, SDN, Linux, Networking tools)

October 2016

- Simulated a Distributed Denial of Service(DDoS) attack and prevention technique on an Software Defined Network (SDN) topology.
- Implemented an algorithm at the controller to prevent the network from flooding of packets.