VINCENT KANKA

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Highly adaptable computer science graduate with front end development experience seeking Full-time position in the field of Software Development.

EDUCATION

MS in Computer Science	Fairleigh Dickinson University **-** Teaneck, NJ	Dec'17
B.Tech in Electronics and Instrumentation	CVRCE **-** Hyderabad, India	May '15

EXPERIENCE

Junior Web developer

Digital Minds Software Solutions, Hyderabad, India   **Nov 2014 – Dec 2015**
- Contributed to the design team in building the client websites which are well designed and testable.
- Assisted with website layout, user interface by using HTML and CSS.
- Maintained SQL scripts, indexes and complex queries for analysis and extraction of user information and Integrated data from various back-end services and databases.

TECHNICAL SKILLS

Programming Languages	Java, C++, Python, HTML, CSS, PHP, JavaScript
Databases	Oracle, MySQL, MongoDB
Tools	NetBeans, Eclipse, Visual Studio, Android Studio
Platforms	Windows, Linux. **Cloud:** OpenStack, AWS
Related skills	Bootstrap, Responsive design, jQuery, Angular.js, Node.js, Express.js, JSON, Ajax, REST services, Git, Jira, Object-Oriented design, Agile Software Development

PROJECTS

Vector Interpolation on Baxter Robot using Python   **Sep 2017--Nov 2017**
- A Python Class is designed to position the Baxter Robot ARM in accordance with an algorithm.
- Minimized the distance travelled in the X-Y plane using the K-nearest Neighbors. Created to position the ARM with a driver to read points from a file and input them into the Object created from the Class.
- Used Tuples, Strings, Functions and Dictionaries also used Test driven approach with scale Factor.

Bowling Script using UNIX Shell Programming   **Feb 2017-- Apr 2017**
- A Script has been written using shell programming to count the scores of the bowlers in accordance with the actual procedure of counting the score.
- Used most of the bash and korn shell commands to write this program to count the scores of the bowlers.
- Grep, egrep, sed and awk, have been used for scripting the code in a different file and executing it for the display of the scores.

Alumni Network software for the institute   **Feb 2017- Apr 2017**
- Alumni Web Application delivers interactive environment among college alumni and current students including features like Discussion Forum, Photo Gallery, User Profile, and Private Message.
- Implemented System using Html, CSS , JavaScript, jQuery, Java, Jsp, Servlet, MySQL

Designed a Tank Shooting game in C++   **Feb 2017-- Apr 2017**
- The Tank game was designed on Visual Studio using C++. D3DX libraries were included in this design.
- Tank will be able to shoot all the bombs displayed and the effects like explosion and sound were added whenever a bomb is exploded. Used various functions, classes, strings, structures and operator overloading.

Automated Course feedback software for the institute   **Sep 2016-- Dec 2016**
- Collaborated in a team of two to design and develop an automated GUI based application for Teacher-Course feedback using HTML, CSS, PHP and MySQL which is being used by the institute's Student portal.

Bank Management System using SQL   **Sep 2016 – Dec 2016**
- The Bank Management System was developed, maintained SQL scripts, indexes and complex queries for analysis and extraction of user information.
- Involved in implementing functions, object types, triggers, indexes, sequences and writing SQL queries.
- Created and implemented Stored procedures, Functions, Packages and Triggers in SQL Server.