

## SOFTWARE ENGINEER

### Accomplishments

- Book Client GUI Application Developed Book Client GUI Application ( two-tier client/database application) to insert, update and delete Book data entries using stub functions Implemented the GUI with swing components like JLabel, JPasswordField, JTextArea, JCheckBox, JButton, JRadioButton/ButtonGroup, JComboBox, JList/JScrollPane, JPanel, JDialog, JMenuBar, JMenu, JMenuItem, JCheckBoxMenuItem, and JRadioButtonMenuItem Maintained Database connection with Application by using Both Servlet and JSP programming Technology and Tools Used: Servlet, Swing, JSP, JSF, AJAX, HTML 5, JQuery, JavaScript, MySql CVM Sports Club A web based application in which a user can see all the information related to the Sports Club Developed web pages by using HTML 5 to login existing users and register as new member and to be a part of the club and enjoy Developed CGI scripts to accept the process from HTML ,CSS and to authenticate the user password Implemented Java Script applications like playing Crap Game, Drawing Pad,Brick Breaker, Paint Canvas for the user entertainment Developed PHP scripts to access data from more than one table and to insert, delete and update the data in more than one table Technology and Tools Used: HTML5, PHP, CGI, CSS, JavaScript, JQuery, AJAX, Dreamweaver Online Wine Store A Web based application in which a customer is offered with features like add a wine to shopping cart, filter wine based on several criteria and proceed to check out Implemented Admin portal where one can add/edit a wine, wine type, winery, region and their associated information and can change wine status from "Available" to "Not Available" Technology and Tools Used: PHP, MySQL, JQuery, Bootstrap, Eclipse Content Management System Implemented a content management system that can manage the contents of the company's website.
- By using this system the company can move to an open content model so that its users can find, share, use and re-use the information Proposed functional requirements, non functional requirements and constraints related to the software development using Function point and LOC based cost estimation techniques Proposed a software development model, time management plan, cost management plan, procurement management plan in order to create the software Technology and Tools Used: Microsoft Project 2013 and Microsoft Excel 2013 ERP Systems Developed an ERP System which provides benefits to business such as Enhance productivity, Flexibility and Customer responsiveness , Eliminate Costs and inefficiencies, Data consistency, to integrate all aspects of a business operation into one easy-to-use system, many companies turn to Enterprise Resource Analyzed Top 10 ERP systems for different Companies and identified various class objects and functions for each ERP systems of companies Analyzed software engineering process model and various UML diagrams, ER diagrams, Context Flow Diagrams for Systems Analyzed software architecture model,GUI Hierarchical Design, LOC and FP based estimations for ERP systems Technology and Tools Used: Microsoft Excel 2013, UMLNET, Smart Draw, VISIO, Visual Paradigm A Self Motive Resource Allocation using Virtual Machines in Cloud Computing Presented a system that uses virtualization technology to allocate data center resources,dynamically based on application demands and support green computing by optimizing the number of servers in use Implemented the concept of Skewness to measure the unevenness in the multidimensional resource utilization of a server Implemented a set of heuristics that prevent overload in the system effectively while saving energy used Technology and Tools Used:J2EE, HTML, Java Script, CSS Computer Retail Store and Maintenance Computer retail store and maintenance is a web based application in which we can maintain a computer retail store with the use of an automate system Implemented Rich web pages using HTML and CSS and maintained database connection with the website Technology and Tools Used :HTML, CSS, Servlets, JSP.

### Professional Summary

Graduate Program in Computer Science with major in Web Technologies and Software Engineering Knowledge in software languages including C, C++, Java, SQL, HTML 5,CSS Proficient Knowledge in Object Oriented Analysis/Design and full life cycle of Software Development(SDLC) including Requirement Definition, Prototyping, Design, Implementation, Testing and Maintenance

Profound knowledge in software and release engineering and software configuration management.

Solid understanding of Linux shell and Python scripting, UNIX, Windows, build and release engineering principles.

In-depth knowledge of release management methodologies and production deployment.

Profound knowledge with build and release engineering tools, SCM systems, VMware and build management tools.

Familiarity with JAVA applications, C#,HTML 5,Java Script development.

Skilled at software development life cycles and agile programming methodologies.

Proficient Knowledge in Object Oriented Analysis/Design and full life cycle of Software Development(SDLC) including Requirement Definition, Prototyping, Design, Implementation, Testing and Maintenance and agile programming methodologies.

### Skills

C, C++, Java, HTML 5, CSS3, XML, Java Script, C#, PHP Database : SQL, My SQL, Oracle Platforms :Microsoft Windows XP/ vista/ 7/ 8, MAC OS, Linux Ubuntu (Through VM WARE) Tools Used :Eclipse, QT 5.6.0,Visual Studio, NetBeans, Dreamweaver, UMLNet, Smart Draw, Microsoft VISIO, IBM Rational Rose

C,Python,C#,Shell Scripting, J2SE, HTML 5, CSS3, XML, Java Script Database : SQL, My SQL, Oracle Platforms :Microsoft Windows XP/ vista/ 7/ 8, Linux Ubuntu (Through VM WARE) Tools Used :Git ,SVN,Jenkins, Clearcase,Eclipse,Visual Studio, NetBeans, Microsoft VISIO

## Work History

Software Engineer , 10/2016 to Current

Pepco Energy Services " Libertyville , IL

Build Release Engineer for 5 project teams that involved different development teams and multiple simultaneous software releases.

Developed and Implemented Software Release Management strategies for various applications according to the Agile Process

Imported and managed multiple corporate applications into GIT

Developed Python and shell scripts for automation of the build and release process.

Developed UI Interface for release automation by using Python Tcl/Tk

Supporting version control tools like GIT, SVN and Clearcase for Release management

Jenkins was used as a continuous integration tool for automation of daily process.

Migrating source code from Clearcase to Git for development

Developing Release process in git for super project and IVY model

Using Electric Cloud Accelerators to improve the Build and Release process

Provided end-user training for all GIT users to effectively use the tool.

Software Engineer , 10/2016 to Current

Fiserv, Inc. " Liberty Lake , WA

Build Release Engineer for 5 project teams that involved different development teams and multiple simultaneous software releases.

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Provided end-user training for all GIT users to effectively use the tool.

Computer Programmer , 08/2016 to 10/2016

Company Name " City , State

A part of the full SDLC team to Design, develops, code and test software systems using JAVA/J2EE Technologies

Participated in agile development of project timelines, implemented design specifications, system flow diagrams, documentation, testing and ongoing support of systems.

Experienced with " Java Server Page (JSP), designing and developing client-side graphical user interfaces using HTML, JavaScript, JQuery, and CSS

Developed JUnit test cases for all the developed modules

Recommended modifications to processes and procedures and contribute to best practices, architecture, and implementations

Computer Programmer , 08/2016 to 10/2016

Company Name " City , State

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Developed JUnit test cases for all the developed modules

Recommended modifications to processes and procedures and contribute to best practices, architecture, and implementations

#### Education

Master of Science (M.S) : Computer Science , May 2016

Bradley University - City , State

Computer Science GPA: 3.72/4.0

Master of Science : Computer Science , 2016

Bradley University -

- 3.75 GPA

Master of Technology : Software Engineering , Dec 2014

JNTU-H -

Software Engineering GPA: 4.0/4.0

Master of Technology : Software Engineering , Dec 2014

JNTU-H - City , State

Software Engineering GPA: 4.0/4.0

Bachelor of Technology : Computer Science and Engineering , May 2012

JNTU-H - City , State

Computer Science and Engineering GPA: 3.5/4.0

Bachelor of Technology : Computer Science and Engineering , May 2012

JNTU-H -

Computer Science and Engineering GPA: 3.5/4.0

Advanced Computer Architecture, Software Project Management, Data Base Management Systems, Advanced Java Computing, Operating Systems, Algorithms, Fundamentals of Software Engineering, Web Technologies, Integrative Programming and Technology, ASP.NET with C#, Computing Management and Systems :

#### Skills

ASP.NET, C, C++, Draw, CSS3, Data Base, Database, Dreamweaver, Eclipse, HTML 5, IBM, Java, Java Script, Languages, Linux, MAC OS, C#, Microsoft VISIO, Microsoft Windows XP, My SQL, Operating Systems, Oracle, PHP, Programming, Project Management, Rational Rose, Software Engineering, SQL, vista, Visual Studio, VM, XML