

Lakhan Melugiri
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OBJECTIVE

To be a Software Engineer where I can contribute my skills and experience for further growth in organization's success as well as my professional career.

EDUCATION

University of Central Florida	Orlando, FL
Masters of Science in Computer Science	May 2014
Emphasis in Networks	
GPA: 3.36	

SLC's Institute of Engineering and Technology	India
Bachelor of Technology in Computer Science	May 2012
GPA: 3.5	

SKILLS

Technical:

- Oracle Certified Associate (OCA)
- Programming Languages: C, C++, HTML, CSS, AJAX, PHP, XML, XSLT, JavaScript, and JQuery.
- .NET Technologies: ASP.NET – Web Forms, MVC, C#, User Controls, LINQ, Entity Framework, WCF.
- Environments: Windows, Linux, UNIX, MAC OS.
- Databases: Oracle, SQL Server, MYSQL, SQL.
- Tools: FileZilla, Github, Visual Studio, JIRA, Confluence, Tortoise SVN, NUnit, JIRA, Fisheye, Confluence, Crucible.

EXPERIENCE

Software Developer at PatientPoint® January 2014 – Present

PatientPoint® is a leader and pioneer in developing software for patient and physician engagement solutions in health care industry.

PatientPoint 360°

PatientPoint 360° is a robust mobile-ready Patient Portal which provides a patient with his/her health information at home or on-the-go i.e. it can be accessed from desktop, tablet or mobile.

- Developer for Patient Point 360°
- Worked with a team of 5.
- Used JIRA, Confluence, Fisheye and followed Scrum/Agile Process
- Assisted Quality Assurance team for testing

- Documented coding standards/ configuration of application.

Technologies Used: ASP .NET – MVC, Zurb Foundation 4 for Responsive layouts (PC/Tablet/Mobile), JQuery, Javascript, NHibernate, Unit testing was done using NUnit.

Configurator

Configurator is a web application. It provides user to build, edit, and performs various options on a workflow of a kiosk application. It allows the business analyst, implementation developer team to build a workflow on few clicks. It also generates the UIML code for the application. The kiosk screen generated can be viewed on iPad and validated in moments which reduces the time of developing and QA by 5 times.

- Developer for UIML Configurator

Responsibilities:

- Develop a web application which can be used to configure (View/Edit/Save) the Kiosk Application Screens.
- Involved in the Requirement analysis, design, and development and testing.
- Used AJAX Controls to increase the responsiveness of the web application.
- Determined and resolved critical issues and bugs in the software in a timely fashion before code release.
- Used JIRA, Confluence, and Fisheye and followed Scrum/Agile Process.

Technologies Used: ASP .Net – Web Forms, XSLT, AJAX, XML, Entity Framework, JQuery UI, JQuery, Easy UI, JavaScript, CSS

Software Developer (Intern) at PatientPoint®

May 2013 - January 2014

PatientPoint 360° - Worked on initial stages of PatientPoint 360°

Configurator - Worked on initial stages of Configurator Application.

Extern at PowerDMS™

March 2013

- Developed an application which shows the difference in usage of current and previous databases used by the Company.
- Worked with a team of 5 members.
- Worked on creating metrics and writing SQL queries in MySQL and also integrating with PHP.

Teaching Assistant (University of central Florida)

August 2012 – April 2013

- Worked as a Teaching Assistant (Grader) under various Professors at University of Central Florida.

Courses: C/C++, Network Security, Python

Responsibilities:

- Assist Professors in arranging exams.
- Assist Professor in Lab.
- Prepare Assignments/Question Papers for exams
- Grading Answer Papers.
- Clarify student doubts in Lab.

PROJECTS

Project name: Design and Analysis of Energy Efficient Memory Structure Orlando, FL
Technology Used: C Programming December 2013
Description: In this project a new memory structure is designed to reduce the power consumption of functional units and compare it to 2-level cache design for different block sizes, associativity and replacement policies.

Project name: Load Balancing using Graph Partitioning Orlando, FL
Technology Used: C++ Programming December 2012
Description: The main goal is to distribute the computation load among processors in such a way that the communication cost is minimized. Standard graph partitioning approach is followed which involves partitioning the graph into equally weighted sets while minimizing interprocessor communication.

Project name: Manpower Management System India
Technology Used: C#.Net, Microsoft SQL Server 2008 R2 Jan 2012
Role: Team Leader (Designed web pages, Testing, Linking Database)
Description: MMS is a Web application which can be used to maintain employee database efficiently of an organization.

Project name: PurchaseOnlinebay.com India
Technology Used: C#.Net, Microsoft SQL Server May 2011- July 2011
Role: Team Leader (Designed web pages, Linking Database)
Description: POBay.com is a Web Site that provides an interface for the user to perform Online Shopping on various brands of Shoes.

PRESENTATIONS

Given paper presentations in various technical symposiums on following topics:

- Multi-Biometrics India
- Hadoop Technology India

CONFERENCES

Attended workshops on following fields India

- Ethical Hacking & Information Security
- Android Application Development

ACTIVITIES

- TiE-ISB Connect Conference, Volunteer India
- India Against Corruption (IAC), Member India