

Palaniappan Muthukumarasamy (Palani)

33 Park Circle E, Rochester, NY - 14623.

• (414)-306-2084

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SUMMARY OF QUALIFICATIONS:

- Proven excellence in programming skills.
- Ability to lead & contribute to team software development.
- Knowledge of software development techniques.
- Learning and adapting to new technologies quickly.
- Ability to work with minimal supervision
- Excellent problem solving skills
- Proficient in Java, Android programming, Website development, Database

Programming Languages : Java (Proficient), (C , C++) Intermediate, C# (Novice)
Web : HTML, PHP, JSP, CSS, Java Script, JQuery, Ajax, Servlets
Database : DBase, Access, Oracle, MySQL, DB2.
Operating Systems : DOS, Windows environment, Ubuntu, Knoppix
Software : Websphere, Apache Tomcat, Eclipse, Photosop, Zend studio, Weblogic 10.3.3
Frameworks : Kohana, Spring 2.5, Hibernate 3.2

EXPERIENCE:

Software Developer, Java, DOT Net, C#

University of Rochester –Information Technology Services: Rochester, NY.

May 2014 – Current

- Involved in integration of financial applications with Workday application software using web technologies like html5, web API 2, JQuery, .net 4.0
- Implemented standalone java application that converts large data files from legacy services to workday requirements.
- Responsible for mobile application design and development using responsive user interface that provides data warehousing capabilities.
- Remodel existing WCF application into web API 2 technology.

Software Developer, Java

Navisite Inc, A Timewarner Cable Company: Syracuse, NY

August 2013 – April 2014

- Involved in website development for department of labor NY in order to provide a search engine for unemployed students and adults in NY state. (Careerzone and Jobzone)
- Implemented occupation search and training search modules for the website.
- Improved performance of retaining search records and effectively displaying the results by refactoring major code areas.
- Implemented scout process which sends out Job opportunities email based on the users personal search criteria saved in database.
- Implemented account builder module used to store account information and required user details.
- Remodeled and optimized existing JAVA methods for efficient and faster retrieval of data.
- Developed the presentation layer using HTML, DHTML, CSS, Java Script, JSPs and XML.
- Developed the application using Spring Web MVC architecture.
- Worked extensively on Spring IOC/ Dependency Injection.
- Used SVN for version control.
- Used Glassfish3 to deploy application
- Used Maven as a build tool.
- Used Oracle SQL Developer for running queries.

Software Developer , Java (Internship)

Tracfone Wireless Inc, Miami, FL

May 2012 – September 2012

- Involved in test driven software development from requirements gathering to design and implementation of customer service agent in English to help perform operations like activation, deactivation, porting, phone upgrade, auto refill, solve technical issues using java and j2ee technologies
- Implemented Activation module, Deactivation module and documenting technical issues module of the website.
- Involved in test case development for the modules and implementing them using Junit.
- Involved in model view controller implementation of the application.

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- Actively took part in scrum meetings at times involving in client meetings for requirement gathering.

Academic Projects

Team Leader in IBM project

- Created a fully functional website using IBM software to achieve objectives.
- Led the team from conceptual development through testing and presentation.
- Completed programming for critical functional sections, used DB2 for database.
- Identified and troubleshot errors and provided debugging support.

Management and Coding

- Managed and conducted technical events at National level Technical Symposium.
- Provided primary coding for department website development
- Headed the design team in reaching established goals.
- Organized and participated in Open Source community events.

Independent Research

- Performed experiments on Contiki OS, an emerging technology in field of Wireless Sensor Networks and reduced running time by 33%.
- Used C,C++ programming for optimization of running time
- Created a virtual model to detect unauthorized HTTP access using steganography.

Fun time Projects:

Smart App for Diabetic Patient.

- Android application that helps the diabetic patients to keep track of patient data (sqlite database)
- Alert the user at periodic interval about the sugar level
- Store users diet mechanism and advise based on collected information about his sugar level.

Centro Tracker

- Android application to track the location of bus system in Syracuse.
- Uses database sqlite and google maps api to generate bus routes and identify bus stops.
- Tracks the current location of the bus using time and traffic updates instead of using GPS.
- Application is under development.

<http://github.com/pmuthukumarasamy/centrotracker.git>

Calsmart

The application consists of the following calculators

- Simple Interest Calculator,
- Compound Interest Calculator,
- Tip Calculator

<https://play.google.com/store/search?q=pname:com.palandrodev.interestcalculator>

On campus employment

University of Wisconsin –Milwaukee

Network Assistant

February 2012 – May 2013

- Contribute towards increasing network performance at UWM campus.
- Assist in identifying and solving problems at various network layers.

Web Developer

October 2011 – January 2012.

- Provided programming support to web site using MVC, PHP frameworks, JQuery, HTML.
- Created, organized and maintained database using MySQL.
- Designed and modified database structure and web interfaces.
- Contributed to validation of completed sites including the debugging and testing.

Research Assistant

January 2011 – May 2011

- Studied and solved performance issues related to programming in wireless sensor networks.
- Completed a research critique on ACM papers related to performance issue in CONTIKI.

Education

University of Wisconsin – Milwaukee

- M.S. in Computer Science
- Exchange student in Computer Science

Graduated (May 2013)

GPA: 4.0/4.0 (May 2011)

SASTRA University - India

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- Bachelor of Technology
(Information Technology)

GPA: 8.3/10 (August 2011)