

JEROME F. ISRAEL

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EDUCATION

Computer Science, MS

University of San Francisco, San Francisco, CA

GPA 3.67 / 4.0

August 2012 – May 2014

Specialized in Network programming, Algorithms, Artificial intelligence, Operating systems, software development and Data Visualization.

Electronics and communication, Bachelor of Engineering

Karunya University, Coimbatore, Tamil Nadu, India

GPA 3.11 / 4.0 (India GPA - 7.78 / 10)

August 2004 – May 2008

Specialized in hardware and software applications. Contributed to team projects, to create simulated real-world applications. Emphasize on fundamental courses in Computer Science.

EXPERIENCE

Solution Consultant, Global services

Zuora Inc, Foster City, CA

July 2013 - Present

Build tools to help client integrate with Zuora's subscription billing application. Customize Zuora's sales force application as per client's requirements. This role involves coding in any language but mostly I have worked with Java, PHP, HTML, Javascript and Apex languages. Working experience with SOAP and REST APIs.

Zilla REST developer

Zuora Inc, Foster City, CA

January 2014 - Present

Building a shopping cart website using PHP, HTML5 and CSS. Used Zuora's REST API to fetch the product and account information. Currently the project is under development and its hosted at a temporary link and it is updated weekly.

<http://zillacloudcompany.com/mikey/store/subscribe.html>

Skills

C
C++
Java
Python
PHP
SQL
PL/SQL
Javascript
CSS
HTML
XML
SOAP
REST

Database:

MySQL
Oracle

Operating system:

AIX/Linux/UNIX
Windows 7/XP

Configuration Management Tools :

Rational
ClearQuest
Rational ClearCase
SVN

Applications:

Oracle Retail POS,
RMS, RPM, SIM.
iReport (Jasper Report)

Student Technician, Campus card and security

2013

University of San Francisco, San Francisco CA

Program automatic doors and locks. Troubleshoot card encoders. Maintaining Alarm panels. Technical responsibility in fixing electronic locks. My role is very critical when it comes to trust other than technical knowledge as it involves working with the campus security officers and other departments helping them with any investigation process and dealing with sensitive information.

Helpdesk technician, Information Technology services

University of San Francisco, San Francisco CA

Troubleshoot minor operating system issues for both windows and IOS. Solving other computer and network issues. Setting up conference phones. Work with a team of more than 10 other student technicians.

Web Developer, partners.carphonewarehouse.com

Inatech info solutions, Bangalore, India

Create, update, and maintain site pages for partners.carphonewarehouse.com using CSS, HTML, JavaScript, and XML/XSL. Coordinate with developers and designers for major site changes. Maintain internal tools for managing site structure, news data and photos using Java. Work with third-party providers to integrate with external sites. Provide technical support for usability issues and critical site problems, as needed.

Application Developer, Consultant

2012 Inatech info solutions, Bangalore, India

Worked on a team which customizes Oracle retail point of sale (ORPOS) application for Phones4U (Mobile retailer in UK), integrating several legacy sales, forecasting and customer fraud management (Phone contract sales) application with ORPOS framework. Created Java swing based user interface to build a unified user experience. Used Jasper reports (iReport tool) to develop dynamic customized reports for billing and other of user-generated reports. Extensive use of SQL, PL/SQL and Java required. Assisted with System integration testing.

Database Developer, Consultant

Inatech info solutions, Bangalore, India

Independent oracle database developer. Primary technical contact for critical issues for any DB related tasks for Phones4U-ORPOS project. Tasks included analyzing requirement document, design and develop the solution also resolving technical failures in a timely manner, automating application

Web servers:Apache/Tomcat
Server**Certifications**ORACLE Certified
Associate for
PL/SQL Database
development

October 2012 – July

October 2012 – Jan 2013

April 2012 – July 2012

September 2011 – April

September 2010 – July 2012

monitoring tools. Adhered strict Oracle coding standards. Prepared technical training and process documentation for the support team, to aid with day-to-day support issues. In-depth knowledge of Oracle retail application Framework, Oracle 10g Database required.

Techno-Functional consultant, Software engineer

April 2009 – September

2010

TESCO HSC, Bangalore, India (headquartered in Cheshunt, United Kingdom)

Integrating Oracle retail application with third party applications. Coordinating with business development, testing and technical development teams to ensure the requirements are met with quality. In-depth knowledge of retail business, application framework, pl/Sql and SQL is required.

Functional testing, Associate Software engineer

July 2008 – April 2009

TESCO HSC, Bangalore, India (headquartered in Cheshunt, United Kingdom)

System integration testing of Oracle retail applications: Oracle retail price management and Oracle retail merchandising system. The integration testing covers the testing of end to end integration right from the External systems which involves other 3rd party applications to the ORMS (Oracle retail merchandise system) across different layers and also from ORMS to the down stream systems. The same was the case for ORPM (Oracle retail price management) application as well. The functional testing involves the functionality of the Oracle retail applications as per the business requirements.

ACADEMIC PROJECTS

Data Visualization

University of San Francisco, CA

The challenge is to represent a CSV file data (SF Crime Report) in to visualization so that it is easy for the viewers to look at the data very effectively and also interact with the visualization to filter the data the viewer would like to see. Used D3 (A Javascript library) to come up with the geo spatial visualization.

Project URL: <http://cs.usfca.edu/~jfletcher2/sfcrime/>

Search Engine

University of San Francisco, CA

Built a conventional search engine with security and performance in place. Implemented the inverted index and web crawler concepts. Built multi-threaded programs for efficiency. Java programming language used. Used Log4j for logging, Jetty for web server, Junit for unit testing. This project was developed by me as part of the software development course.

Othello (Reversi) Two player gaming challenge

University of San Francisco, CA

Developed a two player game for playing text based Othello using python. Used artificial intelligence algorithm Alpha beta pruning. Intelligent evaluation functions to calculate the board configuration so the algorithm can decide the best possible next move. The total time limit for the entire game as part of the challenge is 350 seconds by one player.

Spam classification

University of San Francisco, CA

Spam filter classification for email using Naïve bayes algorithm. Programming language used is python. Learning algorithms implemented. Accuracy 80%.

N puzzle solver

University of San Francisco, CA

Text based N block puzzle solver using Adversarial search algorithms and heuristics. Programming language used is python.

Game Engineering projects

University of San Francisco, CA

2D pong, 3D Tank and 3D racing Game developed using Ogre 3D (C++) library. Blender tool was used for 3D models.

DNS client

University of San Francisco, CA

DNS client using both TCP and UDP. Built DNS request for both UDP and TCP. Parse the DNS response based on the standard DNS response structure to extract all the address details. The project is very similar to the “dig” command on Unix.

Distributed Web Cache

University of San Francisco, CA

Built a community of Proxy servers using Multicast DNS to broadcast and receive the information of each proxy server. Each proxy server when it receives a request from the browser (Client) looks for the information if it's available on its local cache. If the information is not available then it requests the peer proxy server for the same information. If none of its peer proxy has the website cached on their local machine then the proxy server contacts the webserver to get the information. The main goal of this project is to reduce redundant calls and improve the performance of the network.

ACTIVITIES & AWARDS

NBS Excellence Award 2009 (TESCO)

