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Top Skills

C++

C

Java

Languages

English (Native or Bilingual)

Spanish (Native or Bilingual)

Certifications

PowerShell 5 Essential Training

Learning MongoDB

Java Essential Training (2011)

CompTIA Network+ Exam Prep
(N10-006) Part 1: Understanding
Networks

Patents

Method and system for providing
conferencing service

Method, device and computer
program product including a
lightweight directory access protocol
client

Lightweight directory access protocol
method, system and computer
program product

Method, system and computer
program product for a lightweight
directory access protocol client
application program interface

Method, device and computer
program product including a
lightweight directory access protocol
client architecture

Mayel Espino

Senior Software Engineer at Microsoft

San Jose, California

Summary

§ Developed for and support for very large, multiplatform, multithreaded, 24x365, 99% availability, and mission critical, extremely scalable enterprise-class application. For name brand companies in the U.S. such as MCI, Candle (now par of IBM) and EDS. Some of these applications supported over 500 different groups and performed more than 4 million transactions daily.

§ Architected solutions for large scale, complex and large budget applications. In the telecom, Data entry and IT industry. In collaboration with management, clients and peers. Lead design meetings, applied latest analysis and documentation tools and techniques.

§ Project management or pioneering groups. Interaction with end users and upper management, reporting up to VP level. Managed multiple large scale projects. Involved in all areas of project planning and management.

§ On call, second level support with participation of multiple groups spread across the company and the country, in fast pace high pressure circumstances.

§ Inventor of 8 patent applications and co-inventor of 1 of them is an application for a joint venture between MCI and Microsoft.

§ Discrete use and protection of proprietary technology for top 500 US companies.

§ Reverse-engineered several old systems, to document and enhance with new functions, in Unix, MVS, C, C++ and proprietary languages.

§ Continual education, internal training classes from recognized companies such as IBM. Multiple certifications and partial master's degree.

Specialties: C++, OOD/OOP, Databases, Unix, Web Development, Client Server, MQ Series (WebSphere).

Experience

Microsoft
Senior Software Engineer
February 2018 - Present
Sunnyvale, California

To delight customers in a Cloud First world, Microsoft delivers highly available online services with cutting edge features and innovative functionality lighting up on a regular basis. Quality of service (QoS) is paramount as we continue to make deep investment in Microsoft Azure and its expanding customer base who rely on our services to run their diverse businesses. Availability, reliability, and performance are all key differentiators that customers demand and expect in cloud services when choosing a provider.

Apple
Software Engineer
April 2016 - December 2017 (1 year 9 months)
Sunnyvale California

FireEye, Inc.
Sr. DevOps Engineer
October 2015 - April 2016 (7 months)
Milpitas, California

- Development of automated tools for monitoring, management and deployment of horizontally-scaled, highly-available cloud systems
- Architecting multi-datacenter monitoring facilities
- Building performance and reliability metrics in a dynamic application environment
- Integrate with engineering teams to provide expertise and requirements

Ooyala
Software Engineer - Infrastructure
March 2015 - August 2015 (6 months)

Santa Clara, California

The Infrastructure and Site Reliability Team responsibilities are to build the foundational platforms and tooling necessary for product engineering teams to deploy, measure, manage and operate their internal and external facing business services reliably and with ease. Additionally, the teams provides consulting and expertise on architecture, design, and operational best practices.

Our portfolios include:

- Configuration management platforms and tooling
- Edge Services
- CDN strategy, management and integration
- Monitoring as a Service
- Public/Private Cloud management and tooling (OpenStack, EC2, Azure).
- Data Tier Services (Hadoop, Cassandra, Elastic Search, MySQL/MariaDB, etc)

Symantec

Senior Software Engineer - Mobile

June 2014 - March 2015 (10 months)

Mountain View

PayPal

Staff Software Engineer

June 2010 - May 2014 (4 years)

I am an employee of PayPal.

PayPal has quickly become a global leader in online payment solutions with more than 153 million accounts worldwide. Available in 190 markets and 17 currencies around the world, PayPal enables global ecommerce by making payments possible across different locations, currencies, and languages. PayPal has received more than 20 awards for excellence from the internet industry and the business community -most recently the 2006 Webby Award for Best Financial Services Site and the 2006 Webby People's Voice Award for Best Financial Services Site.

Located in San Jose, California, PayPal was founded in 1998 and was acquired by eBay in 2002.

Responsibilities:

uit

Information Technology and Services Consultant and Professional
July 2005 - June 2010 (5 years)

Worked as a contractor for United IT as a contractor at various client sites, for example: PayPal, ETrade and Kabira.

United Information Technology Inc, (UIT) is a premier solutions provider to the information systems business. UIT is a union of business and technology experts working together to help and shape the competitive dimension of our business clients.

PayPal

FinSys/FinProd Engineer

November 2006 - May 2010 (3 years 7 months)

Worked for United IT at PayPal as a contractor.

Please see the company profile above.

Responsibilities:

§ Analysis and design, project planning and project tracking of PayPal credit card projects.

§ Management and coordination of development team in IDC (India § Development Center).

§ Interface with Business unit, accounting, and other groups.

§ Research, resolve production issues and interface with live operation groups.

Etrade Financial

Software Engineer

February 2006 - November 2006 (10 months)

Worked for United IT at ETrade as a contractor.

E*TRADE FINANCIAL is a growing financial services company that provides an integrated offering of investing, trading, banking and lending services for retail and institutional customers. With over \$178 billion in customer assets/deposits, E*TRADE FINANCIAL achieved record net revenue of \$1.7 billion on net income of \$430 million in 2005. The Company serves more than 4 million customer accounts worldwide, operating branded web sites in 14 countries. In addition, E*TRADE's growing network of Financial Centers - currently 21 nationwide - operate in such cities as New York, Chicago, San Francisco and Boston.

Responsibilities:

§ Analysis and design of Tuxedo based services. These services access the database information and apply business logic

§ Analysis and design of Java components for the front end, web bases, interfaces.

§ Integration, coordination and testing of all components, java and tuxedo services, for Asset Based Fees project.

§ Wrote Perl scripts and SQL to manipulate information in the databases.

§ Team lead. Coordinated code reviews and delivery.

Kabira Technologies

Software Engineer

August 2005 - February 2006 (7 months)

I worked at Kabira as a UnitedIT contractor.

If you combine the key functions of Oracle, WebSphere, Tibco and Tuxedo to power Real-Time services on the Network, the result is: KABIRA. Kabira provides a new class of network-enabled infrastructure software for Real-Time applications requiring the highest levels of performance, availability, reliability and scalability. Data, Logic, Events & Transactionality.

Responsibilities:

§ Analysis and design of Cross reference components and a Feed monitor for the LTBMI application for EDS, a client of Kabira's.

LTBMI is a Billing Mediation product built on Kabira's Infrastructure called KTS.

§ Wrote SQL for system test components for Kabira's Database component called PAFChannel.

MCI

Senior Software Engineer III

February 1997 - August 2004 (7 years 7 months)

I was an employee of MCI, now part of Verizon.

Registry is a high-performance, Multi-tier Middleware system that runs 24x7 on twelve different operating systems across the various hardware platforms at MCI. Registry provides an uniform API for almost all programming languages used at MCI and the infrastructure needed for applications to exchange data in real time. Registry performs message transformation and complex messaging

utilizing IBM's Web Sphere under the covers. Registry supports over 300 applications and exchanges several million messages a day. Articles about Registry on the web:

<http://www.internetweek.com/081296/news0815.htm>

<http://www.cio.com/archive/030198/integration.html>

Responsibilities:

§ Initiate first contact with customer for functional requirements gathering for subsequent design, development, and implementation of engineered software solutions and resource requirements.

§ Engineered solutions were individually and/or team developed according to project size and resource requirements.

§ Solving and correcting software maladies/bugs and maintaining documentation for future reference or use.

§ Development of support tools, such as web services, automation scripts, internal bulletin board and others.

§ After hours support for up to 300 systems on Registry.

§ Developed and enhanced an in-house interpreter that was the test tool for Registry's API and verb set.

§ Ported Registry code base to Linux on my own.

§ Developed invention ideas and cooperated with internal MCI patent attorneys.

Awaretech

developer/ leader awaretech de mexico

1994 - 1996 (2 years)

EDM

Project leader

1990 - 1994 (4 years)

Worked for EDM for Candle as a contractor.

Candle Corporation

Project leader

1990 - 1994 (4 years)

Worked for EDM for Candle as a contractor.

Education

Universidad Autónoma de Ciudad Juárez
B.S., Computer Engineering · (1985 - 1990)

Universidad Autónoma de Ciudad Juárez
BS Computer Engineering, Computer Engineering/Computer
Science · (1985 - 1990)