ABIRAMI RAMALINGAM

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SENIOR SOFTWARE DEVELOPER

- ➢ 11+ years of progressive experience with documented success in the areas of Software Development and Software Engineering with Microsoft Technologies at various organizational levels
- ➢ Senior Developer at **Microsoft** for **8 years** and **2 years @Bellevue, WA**.
- ➢ Expertise on **C#, .NET and Azure** development
- ➢ Good working experience in Microsoft BigData framework **COSMOS, SCOPE**.
- ➢ Good at Microsoft Cloud technologies – **Azure**
- ➢ Extensive experience of designing and developing Client/Server applications using Microsoft .NET Technology, C#, VC++, MFC, Model view controller (MVC 3.0/4.0/5.0), ADO.NET, WCF, WWF, Silver Light (4.0/3.0) and Entity Framework SQL Server, ASMX, XML
- ➢ Experienced in Software Development Methodologies like Agile Methodology, Waterfall Model and Test-Driven Methodology.
- ➢ Experienced in migration of on-premise Microsoft applications to **Azure** cloud
- ➢ Hands-on implementation of the Azure Operations dealing with IaaS infrastructure (VM's, Virtual Networking, Azure Services, Website deployments) and deploying applications as PaaS (Websites, webroles and worker roles)
- ➢ A skilled problem-solver and an efficient in managing team. Possess good interpersonal, communication and Managerial skills
- ➢ Knowledgeable in Project Estimation & its metrics (Function Point & WBS)
- ➢ Very good in programming with VC++, **Scripting (powershell & perl)**.
- ➢ Expertise on **Advertisement** Domain and BI on Microsoft Bing Ads
- ➢ Strong in Networking Concepts & have hands-on experience in Routing and Remote Access services (**RRAS**) working in Windows team.

EMPLOYMENT

- ➢ Worked as SE (Software Engineer) vendor with Microsoft, Redmond (CLIENT) from Nov'14 till Aug'15.
- ➢ Worked as SDE (Software Design Engineer) vendor with Microsoft, Redmond from Apr'09 till Aug'14
- ➢ Worked as Senior Developer with KLA-Tencor, CA (CLIENT) through HCL from June'07 till Jan'09
- ➢ Worked as SDET (Software Development Engineer in Test) vendor with Microsoft IDE, India from Sep'05 till June'07
- ➢ Worked as Associate Software Engineer with Virtusa, India from June 2004 to Aug 2005

AWARDS AND ACHIEVEMENTS

- ➢ Best performance award for developing Project estimation tool
- ➢ Certificate of appreciation - "out of box thinking" for work in achieving CCMI-5

EDUCATION

Bachelor of Engineering in Computer science (Percentage 83)	Bharathiyar University, India	May 2004

TECHNICAL SKILLS

PROGRAMMING LANGUAGES	C#, .NET, Python
WEB TECHNOLOGIES	ASP.NET, ASP, HTML, DHTML, AJAX, Web-Services, WCF
RDBMS	SQL Server, SQL Azure
CLOUD TECHNOLOGIES	Microsoft Azure

SCRIPTING	Angular JS, Powershell, Terraform, Perl
VERSION CONTROL	Git, Visual Studio Online, Visual Studio Team Suite/Foundation

PROJECT
PROFILE

1.OPS BI
(Nov'14 - Aug' 15 -- Hyderabad, India)

CLIENT: Microsoft, Redmond, WA

Tools Used: Azure, Azure IaaS, powershell, SQL server & stored procs, C#

Business Intelligence for managing infrastructure required for various teams like commerce, Artemis.etc.

Responsibilities/Achievements:
- Monitor, Manage all server through SCOM. Also managing and improvising techease tool (that send alerts and creates tickets).
- Finding repeated alerts, analysing the issue(like if any configuration or performance reasons) and fixing it. Monitoring weekly and monthly alert count. Creating performance report on number and severity of the alerts
- Create and Manage CCMDB. Write scripts to improve CCMDB.
- Create, Verify and provide VM for the team. Trouble shooting technical & performance issues with VM.

2. BING ADS
(Apr'09 – May'11 – Bellevue, US)

CLIENT: Microsoft, Redmond,WA
(May'11 – AUG 14 -- Hyderabad, India)

Tools Used: DWC, Mir, Watchdog (C#,.Net, SQL based),Octopus, XTS, Azure, Azure IaaS, Perl Script, SQL, cosmos, scope, CDL

Bing Ads is a digital advertising Platform that allows buyers, seekers, and consumers to easily and effectively find what they seek. It provides Pay Per Click (PPC) service to the advertisers. Showing right Ads to the right people at right time (targeting) there by increasing value to advertising value.

Responsibilities/Achievements:

- Pipelines\Hotfixes development of various BI components to production and BCP environment.
- BI Component Monitoring – Monitoring all BI processing and ensure that it is function properly and SLA compliance.
- Tools\Automation – creation of workflow configs for cfr and major pipelines (during migration of avatar to dwc) , LC report, CDL reports, script to create \manage uts tickets, script for patching, disabling firewall, UAC, Scripts for Mir installation on multiple servers.
- Maintenance – patching, password updation, iadmin updation. Configuring watchdog whenever needed.
- As offshore Lead – Managing & assisting the pipeline & DB BI team. Shift planning, Task assignation, Effort tracking. Monthly report generation for BI (vendor) – Incident\Request Effort, Highlights & lowlights, SLA compliance, Value additions, providing inputs for SMR, QBR reviews. Preparation of DAR, CAPA, Cost per ticket, SLA compliance \ live site report, retrospection docs etc... Maintaining Skill index tracker & arranging for training & certification for the team.

3. 23XX (WAFER INSPECTION TOOL):
(June'07 – Jan'09)

CLIENT: KLA-Tencor, CA

Languages/Tools Used: VC++, Coverity, windbg, Clearcase, winrunner

23XX Wafer Inspection project is a fully automated system that utilizes high-speed digital processing technology in combination with Bright Field Optics. This technology detects all types of yield-limiting defects on single layer or multi layer integrated circuit wafers at all process steps, including thin films, photo, etch, and Chemical Mechanical Planarization (CMP). It also allows reviewing, sorting and classifying defects under magnification on a high-resolution monitor. 23XX tools features a variety of sensitivity settings and inspection modes for image qualification, inline defect monitoring and engineering analysis. Most of the 23XX Wafer Inspection Software is developed on Microsoft Technologies like VC++, C#, MFC and COM.

Responsibilities:
- Feature development
- Bug Fixing
- Coverity fixes
- Monitoring Auto Mini Qualification

4. WINDOWS LONGHORN\VISTA   (Sep'05 – May'07)

CLIENT: Microsoft IDC, Hyderabad, India
Languages\Tools Used: C#, C++, Visual basic script, Windows Script, XACC, MITA, batch scripts, ASI.

Worked with Microsoft in Windows Group as a Software Design Engineer in Test. I worked on windows networking branch in RRAS (Routing and Remote Access Service).

Responsibilities/Achievements:
- Component Owned : RRAS ServerUI, IP filter (LAN,demanddial filters, DCHP Relay Agent(v4,v6), Demand dial, Power management, NLB (Network load balancing \clustering), Security DLL, NAP UI, Netsh, PPPoe, pptp, l2tp
- Automation & Tools development
- BVT (build Verification testing)
- Publishing RRAS Server Performance Results (both v4 and v6)
- Running and managing of Demand dial Stress. Developed a framework for this using VC++.
- Triaging the bugs.