MICHAEL MACISAAC

Saugerties, NY | 845-665-0513 | mike99mac@gmail.com | linkedin.com/in/michael-macisaac-49807b13

SYSTEMS PROGRAMMER

Innovative Systems Programmer and Marine Corps veteran specializing in z/VM and Linux on the mainframe | Strong communication skills that enable collaboration and the development of cloud solutions | Years of developing code

TECHNOLOGY

Bash | Python | REXX | git | Jenkins | GNU/Linux | z/VM | MySQL | WebSphere | DB2

CORE COMPETENCIES

Virtualization | Systems Management | Solution Architecture | Cloud Computing
Software Development | Server Life-cycle | HA | Disaster Recovery

PROFESSIONAL EXPERIENCE

ADP, Roseland, NJ   August 2015 – September 2023
z/VM and Linux Systems Programmer, Cloud Developer
- Team member of "Linux-bake"– a Private Cloud solution providing automated installation, upgrades, and life cycle management of Intel and Arm servers utilizing packer, Jenkins, OpenShift and other modern tools.
- Served as lead developer, team leader, of Private Cloud solution providing automated installation, upgrades, and life cycle management of zLinux servers.
- Maintained thousands of zLinux systems.

Innovation Data Processing, Little Falls, NJ   January 2014 – August 2015
z/VM and Linux Product Manager
Led team delivering new product FDRPASVM that allows live migration of z/VM.
- Presented solutions to customers and at trade shows.

IBM, Kingston NY, Poughkeepsie NY   June 1987 – December 2013
System Z Lab-Based Services
Deliver on engagements requiring z/VM and Linux skills.
- Worked on Oracle solution at customer to migrate servers from distributed to zLinux.
- Partnered with an IBM Oracle team to develop optimum availability and performance.
- Completed writing failover/failback bash script that brings together minidisks, LVM, multipathing, and PPRC under Oracle CRS.
- Presented to customers at conferences and meetings.

First line manager, z/VM and Linux Development
Managed team that delivers SMAPI on z/VM.
- Formed and managed a team that develops systems management code for System z.
- Led design and coding of systems management skunkworks package named Mz.
- Original author of popular "Virtualization Cookbooks" describing z/VM and zLinux.

zSeries New Technology Center-Technical Sales Support
Completed Leading@IBM Web training and Leader Readiness Course in Armonk. z/VM and Linux on zSeries specialist.
- Presented to customers on zSeries Linux, z/VM, IBM Middleware, architecture.
- Authored redbook z/VM and Linux on IBM System z: The Virtualization Cookbook for SLES9.
- Presented at SHARE on Samba, LDAP and CUPS.
- Wrote paper Migrating Windows Servers to Samba.
- Worked on team of three to roll out zSeries Linux Bootcamp to field Technical Sales Specialists.

S/390 ITSO-Redbook project lead, Workshop presentations
- Led team to produce redbook Linux for S/390 and zSeries: ISP/ASP Solutions.
- Led team to produce redbook Linux for S/390 and zSeries: Distributions.
- Prepared and delivered one day workshop Linux on zSeries in Canada, Europe and SA (6 cities)
- Led team to update redbook Open-Source Software on OS/390 UNIX.
- Led team to produce redbook XPLink: OS/390 High Performance Linkage.
- Led team to produce redbook C/C++ Applications on OS/390 UNIX.
- Delivered one day workshop Linux for S/390 in Canada, Asia, and Brazil (6 cities)
- Led team of 6 to produce redbook Open-Source Software on OS/390 UNIX.
- Co-led team of 11 to produce redbook Linux for S/390.
- Led team of 7 to produce redbook S/390 File and Print Serving, S/390 New Technology Center-Technical sales support, SP2 Software Development-Application and Web programmer, GIS Software Development-Application programmer.

U.S. Marine Corps, CA, Okinawa Japan
Radio Repairman
Repaired high-powered radios and prepared for the defense of the United States

EDUCATION

Bachelor of Science, B.S., Computer Science | 3.6/4.0
Northeastern University, Boston, MA

Associate of Arts, A.A., Electronics Tech | 3.9/4.0
Saddleback Community, Mission Viejo, CA

CERTIFICATIONS

Novell Certified Linux Professional, NCLP | Red Hat Certified Engineer, RHCE

COMMUNITY SERVICE

Team Rubicon | Hudson Valley Center for Veteran Reintegration | Church volunteer events

HOBBIES

Cabinetmaking | Voice recognition | Music playing devices | Studying history