

KEITH BARRETT

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EXECUTIVE SUMMARY

Software Developer with extensive background in High-Availability, Middleware and Linux systems, and familiar working in a DevOps Agile/Scrum environment using Rally, Jenkins, OpenShift, and Containers.

- Over 10 years' experience in interpreted and compiled languages for Linux, Unix and Web Services including LAMP (Linux, Apache, MySQL, PHP), C, Java, XML Shell, Curl, HTML, Assembler.
- Prior **Walt Disney Co. Technology Sr. Developer/Analyst** designing, coding (*Java, XML, XSL, Hibernate, Curl, HTML, Eclipse, Git, Oracle SQL, Shell, REST, SharePoint, SDLC, JDBC, XMLSpy, JAXB, Maven, Ant, Perl*), deploying, monitoring (*HP Orchestration, OpenView, Qualys, Tripwire*) and tier-2 support of middleware web services and transaction processing.
- Prior **Linux High-Availability Technology Leader** and **Open Source Developer** at **Red Hat**. Managed international development team, coded Linux failover services (*HTML, PHP, MySQL, Shell, RPM, Bugzilla, CVS, man, emacs*), created "Linux High-Availability Server" product, managed global beta testing of ext3 file system, and performed QA Regression Testing for RHEL V6 to V7.
- One of the 5 core developers of BEA message (aka Oracle Tuxedo); the 1st platform independent message queuing middleware communications product. (*C, TCP/IP, Unix, Shell, Sockets, Semaphores*)
- Rated "Linux Expert" by peers in the Open Source Community. Original Linux OS contributor.
- Experienced with PCI, PEN testing and security best practices compliance. Familiar with the hospitality, cGMP manufacturing, energy, CATV, software, POS, Pharmaceutical and municipal industries.
- **Special commendations from VP of Disney World Technology, Red Hat CEO, and Bayer IT.**
- Early adopter and beta tester. Promoted by Google as "Recommended User" to follow for Technology.

PROFESSIONAL EXPERIENCE

OPTUM (UNITED HEALTH CARE)

- Raleigh, NC (2016 – 2017)

DevOps Engineer contracted to join an Agile/Scrum team in a growing architecture of Jenkins, OpenShift, and Docker container deployment. Tools include JBoss, Rally, FlowDock, Java.

PFIZER

- Rocky Mount, NC (2016 – 2017)

Contracted **BT Project Manager** handling IT Services migration of legacy Hospira Pharmaceutical Manufacturing to Pfizer infrastructure and processes, while maintaining cGMP, GDP and Validation governance. Work included testing of custom applications, and the migration of 1300 employees to Windows 10.

THE WALT DISNEY COMPANY

- Orlando, FL (2004 - 2015)

Parks & Resorts Technology Sr. Applications Programmer/Analyst

Development, monitoring and support of High-Availability ticketing and payment processing middleware Web services handling millions of transactions for thousands clients nationally.

- ♦ Architected, coded (*Java, XML, XSL, HTML, Eclipse, Git, Oracle SQL, Shell, REST, JDBC, JAXB, XMLSpy, Maven*) and deployed "Create Ticket" automated service for unattended bulk ticket creation.
- ♦ Performed service monitoring and automation (*Curl, Shell, HP Orchestration, TripWire, Qualys*) and tier-2 customer support as required.
- ♦ Ensured production stability by architecting & performing end-to-end certification testing for all clients.
- ♦ Lead Change Control and CAB representation as necessary.
- ♦ Protected \$1.5Mil/day in revenue by performing annual **Disaster Recovery exercises**.
- ♦ **Special commendation from VP of Walt Disney World Technology.** Nominated for "Partners in Excellence" lifetime award. Recipient of multiple "Great Service" recognitions.
- ♦ Team lead in PCI audits and PEN test mitigations. Performed security & fraud investigations as required

IBM

- Raleigh, NC (2004)

Linux Expert (contracted) - Migrated and coded (*Perl*) proprietary POS system to Suse' Linux platform.

RED HAT

- Raleigh-Durham, NC (1999 - 2001)

Linux High-Availability Technology Team Leader and Engineer

- Managed international team of developers, project budget, release schedules, Press Releases & more.
- Created the "*Linux High-Availability Server*" product; the 1st "out of the box" secure Linux system. Received award for successful product launch and positive press.
- Worked closely with the CEO and Legal department on new products development, press releases and licensing. **Corporate blogger** and **Community Manager** for multiple Open Source projects.
- **Lead developer** on the "piranha" Open Source project. Managed community communications.
- Solitary developer of Linux failover services & man pages (*C, PHP, CVS, RPM, HTML, TCP/IP, Bugzilla, emacs, MySQL, Shell, Apache, man, Python*)
- **QA Test Engineer** for RHL releases v6.1 to V7.
- **Project Manager of global beta testing** for the Linux ext3 journal file system.
- Authored product documentation, man pages, trade show presentations. Contributed to RHCE course.

BAYER PHARMACEUTICALS

- Clayton, NC (1994 - 1999)

I.S. Manager NAI Group

Managed projects and budgets (\$2Mil), outsourcing, direct reports (8), data center, disaster recovery, desktop support, and tier-3 service support for 5 facilities for the division.

- Deployed, Monitored and supported LAN/Server infrastructure & Intranet. Components included *HP OpenView, NetApp SAN, Linux* and *Open Source* software.
- Scripted automated backup procedures, pager alerts remote software updates (*DOS BAT, Shell, PHP*)
- Administrator of all Solaris, Linux, WinNT, Oracle servers, and Cisco routers in the division
- Division lead on corporate Information Security, LAN and Internet steering committees.

HP (Digital Equipment Corp)

- Rocky Hill, CT (1989-1993)

Senior Software Engineer for **BEA MessageQ** (aka **Oracle Tuxedo MessageQ**) – the first platform independent middleware message queuing product. Involved in all phases of SDLC.

- **C Programming Expert.** Published the team standards for C portability across all platforms
- Designed & coded multi-threaded, event-driven transports for TCP/IP & serial communications
- Designed and coded the "DmQ Adapter" product – a client/server RPC connecting foreign platforms to supported platforms. Product sales revenue completely covered all R&D costs.
- **Team Leader** of product migration to the **Alpha chip 64-bit RISC** platform.
- **Release Engineer;** designed/coded QA regression tests. Lead all customer field testing.

CERTIFICATIONS

ITIL v3 Expert	2012-Present	AXELOS	https://goo.gl/dmsuhD
OO Concepts	2006-2009	Brainbench	
RHCE	2000-2001	Red Hat Inc	Employee License

BUSINESS & TECHNICAL SKILLS

Project Management • Disaster Recovery • ITIL • TOGAF • Security • Change Control • Budget • RFP • ROI • KPI • Risk Analysis • Metrics • PCI • GMP • PII • Compliance • Middleware • TCP/IP • Apple Mac OS X • Microsoft Windows • NFS • Samba • LDAP • DNS • Cisco Router • SAN • NAS • NetApp • ARP • Internet • Intranet • VPN • NAT • QA • LAN • WAN • RISC • Firewall • SaaS • Wearable • Wiki • Google Glass • High-Availability • Virtual Server • VM • Video Editing • Endian • Open Source • Red Hat • Ubuntu • Slackware • Debian • Knoppix • CentOS • Android • VMWare • htaccess • Redundancy • Failover • Fault Tolerant • Load Balancing • Hybrid Cloud • MS Office • Social Media • WordPress • Assembler • Curl • SharePoint • Press • Media • CheckPoint • Photography • Podcast • Analytics • SEO • Leadership • C • PHP • LAMP • SQL • MySQL • Oracle • HTML • Shell • Github • Eclipse • Bugzilla • Interviewing • Conflict Resolution • REST • Linux • Unix • AIX • Sockets • Semaphores • Message Queuing • Git • APIs • SDLC • JBOSS • Jenkins • Docker • OpenShift OSE • Rally • FlowDock • Agile • Scrum • DevOps