

Resume for Clay Claiborne

Objective

Work as Linux System Administrator

Functional summary

Mr. Claiborne has been building and maintaining Linux systems of various sizes for 17 years. His company has built many highly customized systems for clients that have included USC & General Dynamics.

He knows a lot about the use of open source tools and systems in film, video, music and graphic productions and also website construction using LAMP with a focus on implementing the Drupal content management system.

Experience

August 2014- May 2020 Rackspace Hosting, San Antonio, TX

Linux Systems Administrator L2, Work-from-Home

1984 - present Cosmos Engineering Company Los Angeles, CA

Founder & Owner

- Since 1984 Cosmos Engineering has provided computer systems, networks and services to individuals, businesses, governments and other institutions large and small. Since 1996 we have specialized in supporting Linux and other open source software models with specialized hardware and system deployments that leverage the advantages to be realized with the free and open source model.

Cub Reporter

1983-1985

Developed and manufactured electronic interface that allowed the Praxis 30/35 electric typewriter to be used as letter quality parallel printers.

Apple Turnover

1984 -1985

Developed low level driver for this combination hardware/software product from Vertex Systems that allowed Apple II floppy disks to be read on an IBM PC. Also developed automated system for testing the hardware component.

Fax on File

1989

Developed one of the first systems to allow computer based automatic remote fax retrieval.

Rockwell International, Downey CA

1989 - 1994

Contract to maintain the Victor 9000 based NC systems used to build the Space Shuttle

Area Code Update

1992 - 1994

Developed and offered a service that automatically updated large databases to reflect the implementation of telephone area code changes.

Linux On A Disk

1996 - 2001

Designed and manufactured this innovative product which served as an introduction to Linux for many companies including IBM and HP. InfoWorld said, 12/23/1996 "*a company called Cosmos Engineering, in Los Angeles, is making it impossible to complain that Linux is difficult to install.*" The Boston Globe [02/07/2000] called it "*a creative solution*" to the reality that "*Despite big improvements in ease of use, installing Linux can still be fairly intimidating to many computer users.*"

Linux Users, Los Angeles

1996-2004

Founded and was president of LULA, the first Linux users group in Los Angeles for 8 years.

Red Hat Linux Certified Engineers & Red Hat Hardware Partners 1997 - 1999

One of the founding members of the technical committee that established the RHCE and RHHP Programs.

In July 1999, Cosmos Engineering was named one of only 38 companies then offering Linux-enabled workstations/servers, along with Compaq, Hewlett Packard, IBM, Penguin Computing, Sun Microsystems and VA Linux by Desktop Engineering Magazine.

Los Angeles Community College **Summer 1999 – Spring 2000**
Taught first Linux classes ever held at LACC.

Norcom Networks, Reston, VA **December 1999**
Designed and built a series of dual Pentium II Linux Servers for Norcom Networks

University of Southern California **June 1999**
Designed and built a series of dual Pentium II Linux Servers for USC.

Xerox, El Segundo, CA **May 1999**
Provided Linux training for company employees at the company's El Segundo location.

Nortel **April 1999**
Build Linux-based laptops based on Toshiba hardware for field use by this teleco giant.

Brazilian Consulate, Beverly Hills, CA **April 1999**
Chosen by Tonic Communications to provide Linux hardware and software to serve as the foundation for the website of the Consulate General Of Brazil

U.S. Marine Corp, Camo LeJune **September 1999**
Build a series of hardened Linux notebooks based on the Panasonic ToughBook for the United States Marine Corp.

General Dynamics **March – August 2000**
Designed and manufactured a series of specialized Linux-based servers that allowed Windows workstations to be used to work with files on DEC hard drives that used OSF partitions and UFS file systems. This involved some ground breaking developments in Linux filesystem capabilities and was written up in the Linux Journal February 2001 special edition on Linux Kernel Internals.

FirstView Financial, NYC **October – November 2000**
Designed and manufactured a series of specialized Linux servers for this innovative leader in financial card services.

Carnegie Mellon University, Pittsburg, PA **November 2000**
Designed and manufactured Linux servers for CMU.

Cinesite, Hollywood, CA **October – November 2000**
Designed and manufactured a series of 216GB RAID0 Linux Servers capable of 1K playback for used by this division of Kodak in movie maker. Not a big deal now, but at the time... Also built other Linux servers for this client.

Jet Propulsion Laboratories, Pasadena, CA **September 2002**
Designed and manufactured Linux servers for Jet Propulsion Laboratories.

Symar High School servers **September 2001 – August 2003**

Under contract with the Los Angeles Unified School District, designed, implemented and maintained the Linux-based server backbone for Sylmar High School. This became the model for LAUSD's Digital High School Technology Installation.

CPE, Los Angeles, CA **October - November 2001**

Developed, implemented and trained personnel on a custom web-based business process system implemented with PHP and PostgreSQL.

Jet Propulsion Laboratories, Pasadena, CA **September 2002**

Designed and manufactured Linux servers for Jet Propulsion Laboratories.

UCLA School of Medicine, Los Angeles, CA **January 2002 – August 2003**

Designed and manufactured Linux servers for the UCLA School of Medicine

Black Diamond Gym **October 2003 – present**

Developed, implemented and maintained hardware and software for a custom customer records business system.

Linux Public Broadcast Network **December 2003 - January 2006**

In a time before YouTube, LPBN offered one of the first streaming video services on the Internet, using Linux and the Real Media server.

Dr. Dobbs Journal **November 2005**

Reported on Linux World 2005 for Dr. Dobbs Journal

Linux Beach Multimedia Center **April 2006 – present**

Designed and manufactured one of the first commercial systems based on the Open Source MythTV software system. This system won the 2006 Best Linux Multimedia System award from Linux Journal in 2006, and has continued to be manufactured and sold since then.

Surf Station Inc., Los Angeles, CA **March 2006 - December 2009**

Developed and maintained a Linux based software system for educational Internet workstations used by many charter schools in Los Angeles County.

Digital Rights Corp. , Santa Monica, CA **May 2011 – November 2013**

As contractors built and maintained Linux server farm and network infrastructure used by DRC in piracy detection and copyright enforcement for key clients in Hollywood. Also supported applications development and testing by co-ordinating the work of local and off-shore developers and auditing and testing their work products.

Data Triage Inc., Los Angeles, CA **May 2012**

Developed custom Linux live CD that allows this company to offer an easy to implement remote data recovery and forensics system. [RemotedT]

OurWeekly News Paper, Los Angeles, CA **June 2013 - present**

Performed data recovery and server rebuilt after the failure of the servers the host their on-line edition. Continuing systems administrative functions for them as required.

Tool of North America, Santa Monica, CA **October 2013**

Installed Ubuntu Linux with RAID on server for this design company.

Wolcott Architecture Interiors, Culver City, CA **January 2014 - present**

Upgrading and maintaining Xen Server pool.

2006 – present

Linux Beach Production

Venice, CA

Documentary Film Production

Mr Claiborne wrote, produced and directed Martin Sheen in the award winning film **Vietnam: American Holocaust**, which was released in 2008. Sequel is currently in production. Other production include the 60 min. doc. **Newsclips from the Iraq War** and numerous short form productions.

Education

1966 - 1969 Washington University St. Louis, MO

Electrical Engineering

- No degree due to financial pressures

References

In Linux Journal, the publisher Carlie Fairchild, wrote of Mr. Claiborne *"He's been a highly respected member of the community as long as the community has existed."* while recommending my systems and services.

In Linux Today, Robin Miller wrote: *"Clay Claiborne was an early Linux advocate, and his company, Cosmos Engineering, was one of the first computer builders to offer Linux-based PCs and servers... Clay's most notable pioneering effort was his mid-'90s Linux on a Disk (LOAD) product"*

Volunteer experience

Mr. Claiborne was the founder and president of Linux Users, Los Angeles from 1996-2004 and is a member of Veterans for Peace

Mr. Claiborne taught the first Linux classes ever given at Los Angeles Community College.

Patents and publications

In 2006 the Linux Beach Multimedia System was selected the [Linux Journal](#) multimedia system of the year and featured on their cover.

Published in Linux Journal February 2001

Making Inodes Behave by Clay J. Claiborne

Claiborne [describes](#) the difficulties he encountered while building Linux systems for General Dynamics.

Filmmaking: **Vietnam: American Holocaust** select for the Pan African Film Festival 2010

Current References

Willis Clark, Venice Barter Buddy venicebarterbuddy@gmail.com 310-266-9465

Building public WiFi access that will take advantage of pending FCC regulatory changes. This project has been commissioned and is currently in the design stage.

Robert Steele. Digital Rights rsteale@digitalrightscorp.com 424-234-3150

From 2011 to present Mr. Claiborne has provided a number of Linux based services to Digital Rights including java software testing and deployment, service farm creations, optimization and maintenance.

Kevin Cohen, Data Triage kcohen@datatriage.com 310-478-2113

Designed and build a custom Linux CD to allow remote imaging of a remote computer's hard drives.

Dr. Michael Batie, THESURFSTATION.COM mbatie@successnet.net 310-467-4977

Created special Linux Desktop builds for Surf Station and Step Station, low cost computers used by many charter schools in Los Angeles

Mario Araujo, AztecaNet, mario@azteca.net 310 -505-1891

Various work for this Linux based ISP.

David Morgan, Santa Monica College, dmorgan1@pacbell.net 310-657-3922

Built Linux servers for SMC

Sam Sirlan swsirlin@earthlink.net 626-791-5068

Built Linux desktops for.

Mike Ball mfball1@gmail.com

Built Linux desktops for.

Jose Torres jtorres@ourweekly.com 323 905-1305

Setup cloud partition and drupal install for <http://ourweekly.com>

Jed Pauker <mailto:jed@jed.net> 310 800-3845

Linux/Xen Server work @ Wolcott AI