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**August 10, 1999**

## **RESUME**

### **OBJECTIVE**

To contribute to the successful definition and implementation of products based on the UNIX operating system.

### **JOB EXPERIENCE**

#### **Compaq/Tandem Computers Inc.**

July 1998 - present - continued to contribute to availability group's charter specifically in the area of online package installation and update at the architectural level and provided input to design reviews in other areas.

January 1998 - July 1998 - Stockholm, Sweden - acted as the onsite representative for an important telecom customer. Provided support, investigated defects, continued design work and interfaced directly with the customer in order to provide solutions for the customer in a manner that benefitted both companies.

January 1996 - December 1997 - contributed as a member of the Kernel Availability Group. Acted as technical lead for two major releases of NonStop UX Availability functionality and contributed to ongoing development of Powerfailure handlers and Online Software Upgrade features.

February 1992 - December 1995 - Acted as contributor and project leader in the UNIX Systems Verification group. Developed functional testing software and testing procedures for insuring that releases of SVR4 based UNIX systems worked as specified and reliably.

November 1989 - February 1992 - Co-developed and taught courseware dealing with system architecture and system administration for Integrity FT line of UNIX fault tolerant computer systems.

#### **Pencom Software**

June 1988 - October 1989 - developed device driver software for AIX Release 3 in the RS/6000 environment at IBM's Advanced Workstation Division. Also performed defect repairs on existing drivers.

#### **Ferranti International Controls Inc.**

April 1986 - June 1988 - Acted as project leader in initialization/restart subsystem design and implementation effort for mainframe part of a realtime SCADA system.

#### **Intel Corp./SAS Institute**

February 1980 - August 1985 - Acted as designer, developer, customer support and system support person for various versions of hierarchical DBMS software package. Developed and supported RJE emulation packages in Xenix environment. Provided testware for database machine project.

## **NCR Corporation**

June 1978 - February 1980 - designed and implemented IPC mechanisms for 8080 based systems. Designed and implemented OS configuration processes for microprocessor based systems.

## **Mississippi State University**

June 1976 - June 1978 - designed and implemented ground cover classification software based on LANDSAT satellite data and aerial photography data. Also designed image storage database mechanism.

## **KNOWLEDGE BASE**

### **Programming Languages**

FORTRAN, COBOL, BASIC, C, C++, PL/1, PL/M and assembly language for 8080, 8086, 68000, UNIVAC 1100, Power and MIPS RISC Architecture.

### **Operating Systems**

AmigaOS, MacOS, Xenix, UNIX(various), OS1100, Linux, RMX and BeOS.

### **Miscellaneous Technologies**

Perl, Java, OO OS.