

Arch Brooks

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Professional Summary

During my tenure as a Computer Specialist for the Department of Defense, I served as the Project Officer for Performance Measurement and Capacity Planning within the Central Systems Design Activity. I successfully implemented the Candle Corporation Performance Suite as well as Boole and Babbage packages, each requiring the configuration of at least one SVC. Additionally, I earned certifications in SAS for Report Writing and Advanced Graphics.

I am well-prepared to develop detailed specifications for various stages of the system development lifecycle. For example, I have experience creating comprehensive functional specifications and end-user specifications.

My expertise in IBM mainframe programming dates back to the IBM 360/30, and I am recognized as a Subject Matter Expert (SME) in numerous areas of MVS. Currently, I have an operational open-source MVS environment and have been granted an IBM Logical Partition (LPAR) for independent projects.

Performance Measurement / Capacity Planning.

Experience

CEO / Software Engineer

Brooks Compting Systems – *Jacksonville, Florida*

August 1991 – *Present 33 yrs 10 mos*

- Business intelligence desktops.
- Performance Measurement / Capacity Planning
- Z/OS Cloud Based Mainframes.

Computer Specialist

United States Department of Defense – *Alexandria, Virginia*

April 1980 – *August 1991 11 yrs 6 mos*

- Management Review Team For Performance Measurement and Capacity Planning.
- COBOL VSAM SME
- CICS Performance Measurement..

Technical Programmer

Trans World Airlines – *New York, New York*

April 1976 – *April 1980 11 yrs 7 mos*

- On-Line Flight Planning System.
- Flight Crew schedules for a month in advance
- Authored International Flight Crew Schedueling System.

Scientific Engineering Programmer

Black & Veatch – *Overland Park, Kansas*

April 73 – *April 76 3 yrs 11 mos*

- Authored Heating and Cooling Coil Sizer for nuclear power plants.
- Project Accountability report.
- Automated Source Code Generation.

Education

Music Education

University of Missouri – *Columbia, Missouri*

June 1970 – *May 1974*

Technical Skills

- Programming: C++, Python, Java
 - Tools: Git, Jenkins, Docker
 - Frameworks: React, Django, Qt
 - Databases: MySQL, PostgreSQL
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Certifications

- Advances SAS Repoprts – SAS Institute, 1985
- Advnced SAS Graphics – SAS Institute, 1986