

AT&T Information Systems DSG- 1984 - 1989 senior consultant

Tier 1 Systems Engineering work which involved designing and writing proposal for campus networks that used AT&T's communication products including FDDI, ISO, and TCP/IP protocols. Developed a voice mail system specifically for the Hotel Industry which directly interfaced to a System 75 using out-of-band signaling over X.25 interface. Designed and implemented ETIP Designer which was an object oriented prototype interface building tool. It allowed non-programmers to develop working interfaces that used menus, forms, fields, text boxes, and shell scripts. At any time during the design process, 'C' code could be generated along with make files that would compile a working version of the prototype. The tool itself was built on top of Raima's db_Vista's network data base and used it's own lex and yacc parser to interpret and build the form description. This tool was used by a number of internal and external development departments. Also ported Raima's db_Vista from source code to the UNIX PC platform. Developed the Voice Design Tool This tool allowed non-programmers to use a menu driven, object oriented interface to design interactive automated voice attendant applications. From these working prototypes the 'C' code could be generated. It could manipulate objects of the following types: playback, record, dial, shell script, and touch tone. The tool itself was built on top of Raima's db_Vista's network data base and was used internally and by AT&T VARs.