

Jon J. Fineman
jjf.work@fineman.me

Career Objective

Successful architect/technical manager with a wide variety of professional experiences from designing solutions and managing projects to solving very technical problems, seeks an independent consulting assignment.

Qualifications

- Cloud
 - For ETS designed server-less AWS Lambda and Glue solution to validate files.
- Networking / Communications
 - For Bell Labs developed device drivers for X.25 Level-2. For AT&T and Dow Jones developed TCP/IP client and server programs for MS-Windows, Unix and Linux platforms.
- Performance Improvements / Modeling
 - Used Crystal Reports to model DB2 sql.
- Productivity Tools
 - For ETS created Python scripts to extract data from Oracle, merge it with other file data and summarize it.
 - For Impower created Perl scripts to monitor production systems.
- Requirements Analysis
 - For Dow Jones used Object Oriented Modeling to define classes to support their use cases.
 - For AT&T used Structured Systems Analysis and Design to gather requirements and functionally decompose them and derive logical and physical models.
- Embedded Systems
 - For Bell Labs developed real-time operating systems and drivers to manage data communication lines.
 - For Bethlehem Steel developed firmware applications for 8080 and 6502 microprocessors and circuitry to interface them to hardware sensors.
- Industries
 - Worked in the testing/assessment, marketing, telecommunications, publishing, and manufacturing industries.

Skills

- Programming languages: Python, Java, SQL, PL/SQL, C/C++, Perl, Word/Excel/Access Macros, Korn/Bash/Shell scripts, AWK, FORTRAN, JDBC, ODBC
- Programming design: Web server, Client/Server, network communications, real-time programming/RTOS
- Operating systems: Redhat Linux, Ubuntu Linux, FreeNAS, OpenBSD, MS Windows
- Databases: Oracle
- Tools: AWS (Lambda, Glue, SQS, S3, SNS, CloudWatch), Eclipse, SQL Developer, Toad, XMLSPY, MS Project, LibreOffice, MS Office, Git
- Modeling: Object Oriented Analysis Design and Programming, Structured System Analysis, Scrum

Home Projects

- Custom build desktop – ASRock Mini ITX AB350, AMD Ryzen 5 1600, AwesomeWM/OpenBSD
- Backup/media player – ASRock Z77 Extreme4 Intel I5-2500, Raid Z2/6, NixOS, Plex Media Server
- Internet radio/MP3 player – Raspberry Pi Zero W, Python
- Caller ID blocker – USRobotics modem, Python, Ubuntu
- Security camera – Raspberry Pi Zero W, Python