

Thomas E. Kendig

Fremont, CA 94539

(510) 657-2579

tom.kendig@kendig.net

Software Engineer & Applications Engineer

Objectives

- * Develop and maintain subsystems on enterprise deployed software products.
- * Guide and train customers to effective and satisfying use of software controlled products.
- * Install and configure software at customer facilities domestically and internationally.
- * Design and code packages (.jar) under Java, dynamically loadable libraries (.dll) under Microsoft .Net and shared objects (.lib, .so) under Linux, UNIX.
- * Write documentation for user manuals, applications notes and training materials.
- * Perform software product builds across multiple platforms.
- * Full time employee as a member of a strong team.

SKILL SUMMARY

Software, Operating Systems and Tools

- * OS - Windows (7, 2008, XP) – Linux (CentOs, RHEL, Ubuntu) - UNIX (SunOS)
- * IDE - Eclipse, .Net Framework, Visual Studio, Codecenter
- * Zendesk, Salesforce, VMware, VirtualBox, Oracle, MySql, Microsoft Office - Word, Excel
- * Source control, release engineering – JIRA, VSS, SourceSafe, make, ClearCase, SCCS
- * Document publishing – Wiki, Framemaker, PDF, Word, HTML
- * Communications – TCP/IP, IEEE488 GPIB, Serial RS232 & RDP, TCP/IP, National Instruments analyzer
- * UNIX system administration, Services, Directory Providers, DNS, NFS

Computer Languages

- * JAVA, C#/C++/C, Python (Legacy experience PASCAL, FORTRAN)
- * Perl, JavaScript, SQL, Bash/bourne/csh shell scripts (Legacy experience PHP, RPL)

Engineering and Applications

- * Data processing formats – HL7, STDF, HTML, XML, ASCII
- * Communications driver development – focus on probers and handlers
- * Production floor process with probers and handlers
- * Semiconductor test & processing, VLSI pattern conversion & algorithmic memory testing
- * Real-Time programming, software test procedures – automated and coverage
- * ATE VLSI testing and circuit testing

Soft Skills

- * Detail oriented with demonstrated ability to think strategically as well as tactically.
- * Strongly analytical, tenacious problem solver. I keep at it until it is solved.

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WORK EXPERIENCE

Support Engineer – Transcend Insights, Campbell, CA 2013-Present

- * Write knowledge base documentation, production, support and debug wiki procedures.
- * Maintain Hospital and Clinic data communications systems through virtual desktops.
- * Using bash, grails and jython to create visualizations, filter HL7 messages and find errors in log files on Hospital data systems.

Support Engineer – Electric Cloud, Inc, Sunnyvale, CA 2008-2013

- * Grew ElectricCommander support from product launch to dozens of active customers.
- * Maintain enterprise customer relationships through the SCM tool introduction, deployment and growth.
- * By oral and written communication track, solve and explain customer problems encountered when using Electric Cloud products.
- * Write knowledge based technical articles sharing solutions with ElectricCommander customers.
- * Install, configure and maintain test deployments of ElectricCommander.

Independent Contractor – KLI, Fremont, CA 2006-2008

- * Setup remote instrument communications on Semiconductor Test Floors.
- * Created PHP based application from MySql database (Linux) for ProNet agency.

Applications Engineer – Credence Systems Corp., Milpitas, CA 1996-2005

- * Designed, coded, built and maintained software in C++/C supporting 30 intelligent prober and handler communications drivers for Credence testers on XP/NT/Solaris/SunOS distributed worldwide.
- * Wrote customer installation and usage reference documentation (150 pages) describing the prober and handler communications for Credence equipment.
- * Improved production throughput up to 100% through monitored production floor performance on Credence manufactured ATE testers.
- * Assisted customers worldwide in automation software installation and testing on customer's production test floor.
- * Improved custom software build process that used make and SCCS to create complete manifest for software BOM deliverables.

EDUCATION

Sun Certified Java Programmer - SCJP

Carnegie-Mellon University, PGH, PA

BS in Mathematics, emphasis in CS and EE