

THOMAS M. HUNDT

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TECHNOLOGIES/SKILLS SUMMARY

- Full-stack web development from server to UI, plus database and external data sources.
- Languages include Java, JavaScript, PHP, Python, C++, Perl, shells, HTML, CSS.
- Database design, administration, and programming using the major RDBMS platforms MySQL/PostgreSQL/Oracle/Sybase/Microsoft SQL Server.
- Scripting, sysadmin, and networking under Unix, Windows, and Mac.
- Data feed integration using a variety of channels and conversion methods.
- Experience in diverse fields -- finance, healthcare, manufacturing, research, education.

EMPLOYMENT HISTORY

WORKSTAT SOFTWARE, San Francisco, CA. (2/09 - Present)

President/Principal Consultant

Provide business, IT, and software development services.

Client engagements included:

CLICK GROUP

Implemented new features of internal AJAX web application managing Yahoo ad network insertions. (PHP, Javascript, AJAX, CSS, Symfony, Smarty, Flyspray, Subversion.)

CYBERHEDZ MEDIA

Implemented new Buddhism website (SokaSpirit.org) via a content management framework; and completed annual updates to Japanese hotel directory JTAD.com. (Python, Plone, PHP/LAMP.)

JAN LUNDBERG PHOTOGRAPHY

Ran infrastructure for event photographer – on-site iPad self-service photo upload kiosks.

SEE CHANGE EVALUATION

Provided cost-effective infrastructure solutions and IT support to this nonprofit.

DAVID RAMER ARCHITECTURE

Diagnosed and repaired corporate network, providing higher speeds than before the breakdown.

NOVANI

Facilitated long-term support for SmartCorridors ITS web application by authoring comprehensive documentation on system architecture, building, and deployment.

WELLS FARGO & COMPANY, San Francisco, CA (1/08 - 7/09)

Senior Web Developer (Contractor)

Developed easy-to-use web application to schedule and control automated server patching across thousands of machines throughout the company. (PHP, JavaScript, Python, Perl, shell, Smarty, Informix, Opsware, Pytwist, Vintella VAS, SPNEGO, Apache, HP-UX.)

COVALUATE, San Francisco, CA (11/05 - 1/08)

VP Engineering

Led engineering team in small startup company, whose main product was SMARTCorridors, a website with interactive maps displaying real-time traffic levels and other data from field devices. Company also had a consulting practice, which included rebuilding and adding Facebook app to online debating site FrictionTV. (Java/J2EE/JMS, Glassfish, PHP, AJAX, PostgreSQL, PostGIS, MySQL, XML, MapServer, ESRI Shapefiles, GeoServer, kaMap, Apache, Bugzilla, IIS, Subversion, Tomcat, Trac, SugarCRM, Facebook API.)

FINAPLEX, San Francisco, CA (6/04 - 12/04)

Database and Software Engineer (Independent Consultant)

Wrote a data feed management tool to make it easy to add new clients' feeds to the company's system. It securely and reliably transferred, decrypted, and reformatted data according to a preset schedule. (Oracle, Perl, PGP/GPG, SAN, Secure FTP, Weblogic, Apache, Sterling Connect, Unix.)

FINAPLEX, San Francisco, CA (8/02 - 1/03)

Web Engineer (Independent Consultant)

Added features to company's retail customer web portal for large Wall Street customer. (Oracle PL/SQL, DB2 UDB, Java, Weblogic, servlets, Perl.)

ROBERTSON STEPHENS & CO, San Francisco, CA (1/99 - 8/02)

Principal Software Engineer (Independent Consultant)

Led development of "middle office" portion of stock trading system. Wrote server to receive convertible bond price data feed. Built intranet trade- and compliance-reporting website. (Sun Solaris, Sun Workshop C++, GNU C++, RogueWave C++ tools, Sybase, Perl, HTML, JavaScript, IIS, Apache, Java, CVS, TIB/RV, Tandem NonStop RSC, SunGard Phase3, Thomson OASYS, SQR.)

EASTMAN KODAK, Health Imaging Division, Allendale, NJ (6/98 - 1/99)

Principal Engineer (Independent Consultant)

Was technical lead on workflow and information-management portion of Kodak's next-generation ultrasound medical imaging workstation, developed in partnership with Mayo Clinic. (Microsoft Visual Basic, Visual C++, SQL Server)

SIERRA RESEARCH, Sacramento, CA (4/98 - 6/99)

Principal Software Engineer (Contractor)

Enabled company's research by building proof-of-concept mobile emissions monitoring system which reported emissions and drivetrain data wirelessly to regulatory agency. (Visual C++, Visual Basic, assembler, OBD-II, Snap-On MT2500, CDO/MAPI/Outlook)

BARCLAYS GLOBAL INVESTORS, San Francisco, CA (8/97 - 11/97)

Database Engineer (Independent Consultant)

Developed tool to mine financial data from data warehouse. (PowerBuilder, Sybase SQL Server, ERwin.)

KAISER PERMANENTE, Oakland, CA (10/96 - 8/97)**Database/Software Engineer (Independent Consultant)**

Worked in data conversions team of project migrating core business applications from mainframe to workstation platform. Built and maintained testbed database. Wrote tools to transfer and convert large mainframe datasets automatically. (DB/2, Sybase SQL Server, Visual C++, MFC, ODBC, ERwin)

MARKET VISION CORP, New York, NY (9/94 - 10/96)**Senior Software Engineer**

Responsible for design and upkeep of securities pricing database ("ticker plant") and interfaces to company's trade data server. Wrote pricing data feed handlers. (SunOS, C, Sybase SQL Server)

SYBASE PROFESSIONAL SERVICES, New York, NY (8/92 - 9/94)**Advanced Services Group Team Manager**

Managed ASG rapid response team, which handled critical-need/short-term assignments, often involving database optimization, tuning, and data repairs. Led instructor training for new Sybase API products. (Sybase SQL Server, Open Server, Open Client, CT-Lib, C, Unix, shellsript)

Sybase Professional Services assignments included:

- *PEPSICO, 10X business-process reengineering project*: Led Database Design and Database Performance teams for enterprise database. Trained developers in proper use of SQL Server.
- *AT&T MICROELECTRONICS*: Gave performance review of manufacturing system. Consulted on API programming. Developed hot-backup methodology.
- *CREDIT LYONNAIS*: Advised on expansion of existing databases and migration to new VAX and Alpha hardware and use of additional network protocols.
- *GEN RE, Corporate Database Group*: Authored "Sybase Standards and Procedures" manual. Included methodology and tuning guidelines.
- *METPATH, Corporate Repository System*: Provided CT-Lib programming and performance tuning. Repaired database, correcting errors left by previous versions of the application.
- *NEW YORK STOCK EXCHANGE, Regulatory & Compliance Group*: Determined cause of major server crash, and redesigned backup/recovery strategy.
- *SAKS FIFTH AVENUE*: Managed consultants completing data integration server, part of sales reporting application.

SHEARSON LEHMAN BROTHERS, New York, NY (5/91 - 8/92)**Senior Programmer/Analyst**

Developed MS-Windows financial applications. Administered Sun Sybase server. Trained coworkers in GUI programming. (Visual C, Sybase SQL Server, Clipper, DB2, Gupta SQLBase)

PRICE WATERHOUSE WORLD FIRM, Morristown, NJ (8/90 - 5/91)**Senior Software Developer (Independent Consultant)**

Wrote audit planning tool. Prototyped a GUI front-end for it. (C, Jayac JAM, OS/2, NetBIOS)

ROTOR CLIP CORP, Bridgewater, NJ (8/89 - 8/90)**Systems Analyst and Software Engineer (Independent Consultant)**

In support of facility's ISO 9000 certification, wrote statistical process control application for monitoring of metal part manufacturing. (HP 85B, SPC, BASIC)

BELL COMMUNICATIONS RESEARCH (BELLCORE), Morristown, NJ (5/87 - 2/89)**Staff Engineer (Independent Consultant)**

Implemented a demo dashboard, allowing workstations to control PCs with multimedia hardware such as joysticks, video disks and synthesizers. (Unix, C, PC/TCP, Truevision TARGA, MIDI)

CHINA BUSINESS DEVELOPMENT GROUP, New York, NY (3/87 - 6/87)**Systems Programmer/Analyst (Independent Consultant)**

Developed CRM, inventory, and order tracking system. (dBASE Plus)

CASSETTE PRODUCTIONS INC, Upper Saddle River, NJ (5/85 - 12/86)**Programmer/Analyst**

Developed production, inventory and order tracking system. (dBASE Plus, Novell NetWare)

VANWELL ELECTRONICS, Upper Saddle River, NJ (9/82 - 5/85)**Systems Programmer**

Developed office building HVAC, power, and alarm control systems. (CP/M, Z-80 assembler, BASIC.)

DAIMLER-BENZ AG, Stuttgart Germany (7/81 - 8/81)**Summer Intern**

Learned IBM DPPX COBOL by helping a programmer debug his applications.

CASSETTE PRODUCTIONS INC, Upper Saddle River, NJ (5/81 - 9/82)**Programmer/Analyst (Independent Consultant)**

Customized MRP application by directly editing the machine code (Z-80 assembler).

EDUCATION

1/96 **NEW YORK UNIVERSITY - STERN SCHOOL OF BUSINESS, New York, NY**
MBA Finance

5/90 **RUTGERS UNIVERSITY, New Brunswick, NJ**
MS Electrical Engineering

Thesis: "A Tool for Automatically Rewriting Assembly Language Programs Into C." Also wrote 3D graphics programs and a natural language front-end for an automatic program generator. (C, Unix, Prolog, TMS320 assembler, Bell Labs Pixel Machine)

5/87 **RUTGERS UNIVERSITY - COLLEGE OF ENGINEERING, New Brunswick, NJ**
BS Electrical Engineering

Languages: English, German.

Citizenship: United States.