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SUMMARY

Extensive experience defining, managing, designing, and developing large scale distributed systems for cable television and broadband provisioning. Background blends management, systems engineering, software engineering, and product management experience. Dedicated to delivering innovative and cost effective solutions that meet customers' needs.

EXPERIENCE

HARTLEY ASSOCIATES, EUROPE AND LOS ANGELES, CA

June 06 - Present

Consultant and Developer. Numerous small scale projects consisting either of providing Cable/Broadband subject matter expertise, or Web Development. Web 2.0 development activities included: Java, SOA and Web Services (BPEL/WSDL/WSIT), Struts, JSP, JSF, XHTML, CSS, XML/XSD/XSLT, AJAX, Derby, MySQL, and iBATIS on Tomcat or Glassfish using Ant, CVS, Netbeans, Dreamweaver/Fireworks, and SlickEdit/Crimson.

- Performed a written assessments and analysis of the suitability of client products for Cable.
- Designed and delivered a tutorial and overview of Cable for a VC firm.
- Designed and deployed various data and event driven highly dynamic web and ecommerce sites.

SIGMA SYSTEMS (CONSULTANT), EUROPE

Oct 05 – June 06

Consultant / Manager of EMEA Sales Engineering. Sigma is a Systems and Services platform vendor that offers operators an OSS platform for managing provisioning tasks and integrating billing systems with service provisioning platforms. As the sole technical representative in EMEA (Europe, Middle East, and Africa), I was responsible for engaging cable operators and partner vendors in a technical sales role.

- Performed customer Visits. Provided technical representation, sales support, and preliminary analysis.
- RFI and RFP assessment and response creation for a variety of different customer formal requests.
- Wrote an executive assessment of Sigma's systems positioning and applications.
- Created an initial proposal and justification for Sigma's IPTV strategy and tactical development.
- Represented the company at EMA tradeshows. Setup, Demos, and Customer Engagement.

TIME WARNER CABLE (CORPORATE HEADQUARTERS), CHARLOTTE, NC

Jan 03 – Dec 04

Senior Director of Software Systems, Advanced Engineering. As a member of Advanced Engineering I was responsible for defining and deploying new interactive services and features on the Time Warner Platform. I played a key role in rolling out VOD, and other interactive applications. This included the definition and maintenance of the overall system software architecture, as well as driving vendors to implementation of specified features and enhancements. Systems included: the BMS (Business Management System), AMS (Asset and Content Management Systems), VOD/Video Server, Client Application Server (including STB resident client applications), Conditional Access Systems (SA DNCS, and GI/Motorola DAC), Network Management and Operations Systems. Interfaces and protocols included: ISA, SSP, LSCP, CBI, MSA, ADI, and BOSS/BAS among others.

- Authored and coordinated multiple versions of the specifications listed.
- Managed and coordinated vendor implementation of new features and enhancements.
- Justified and managed a multi-million dollar annual budget.
- Primary representation of Time Warner for next generation architecture at CableLabs and NGNA.
- Worked collaboratively/effectively with operators including: Brighthouse, Comcast, Cox, Charter, and Rogers.
- Actively contributed to OCAP and CableCard strategy, architecture, and specification.
- Collaborated with Roadrunner staff regarding next gen DOCSIS provisioning and OSS architecture selection.
- Liaison to IT organization for coordinating interdepartmental implementation activities.
- Received two patents.

CABLELABS (CONSULTANT), MOUNTAIN VIEW, CA

June 02 – Dec 02

Independent Consultant to CableLabs. Working closely with major cable operators and vendors, CableLabs defines and promotes industry standards, and certifies compliance. Working with Comcast, Time Warner Cable, Cox, and other MSO's, I was responsible for driving industry consensus in the development of a back office Web Services XML interfaces. The result of this effort was a consensus requirements document and prototype Web Services API.

- Performed initial feasibility analysis, including operator consensus and coordination.

- Drove requirements process resulting in an agreed to requirements specification.
- Designed and authored initial Web-Services API specification.

EXCITEATHOME, REDWOOD CITY, CA

August 99 – March 02

Director, Systems Analysis. ExciteAtHome was the world's first and largest Broadband Internet Service Provider. The Systems Analysis team (staff of 12) worked closely with constituent users including MSO's (AT&T, Cox, Comcast, Rogers, and many others), vendors, and in-house customers, as well as the ExciteAtHome development community defining features, capabilities, and architecture.

- Product definition of operational tools, including CSR tools and network diagnostics.
- Designed, and authored platform and interfaces for retailer integration.
- Designed and authored architecture and extensions to support set-top provisioning.
- Designed DOCIS network provisioning and architecture model, system flows, and product extensions.
- Authored Billing System interface to enable self-provisioning and set-top provisioning.
- Primary representative to CableLabs B2B initiative.

WEBTV, MOUNTAINVIEW, CA

January 99 – August 99

Program Manager. WebTV, a subsidiary of Microsoft, provides World Wide Web and email access to subscribers using television. In entering the Cable TV arena, integration, consolidation, and extension of services offered by WebTV with those of CATV platform providers was necessary to supply the subscriber a compelling service.

- Designed and specified COM based extensions to WebTV extensions for CATV.
- Made presentations to Multiple Systems Operators and potential partners.

AMERICAST, LOS ANGELES, CA

Dec 96 – January 99

Lead Systems Engineer. Americast was a partnership which included Walt Disney, Bell South, Ameritech, Southern Bell Corporation, and Southern New England Telephone Company delivering Near Video On Demand over MMDS and HFC broadband architectures. Responsibilities included developing a data model and conditional access (CAS) architecture for Walt Disney's unique interactive program guide. Also responsible for vendor management in multi-platform multi-vendor target environment. Vendors included: Zenith, Nagra, Divicom, Lysis, Scientific Atlanta, IMake, CSG, CableData, and others.

- Designed and specified data model and systems for unique DVB compliant guide data.
- Authored billing and control interface for managing subscribers and services.
- Authored and designed extensions to conditional access systems in support for advanced products.
- Drove multiple system operators to an agreed upon requirements specification.

TELEDYNE, ZENITH (CONSULTANT), GALENA, IL

Nov 95 - Dec 96

Independent Consultant to Teledyne Electronics and Zenith Electronics. Consulting to Zenith I developed several specifications for systems which were ultimately developed and deployed. Consulting to Teledyne I provided guidance for applying their secure scrambling technology in a consumer oriented market. I was primarily responsible for the design of their conditional access system.

- Wrote specifications and white papers for conditional access and control software.
- Standards body representation.

ZENITH ELECTRONICS CORPORATION, GLENVIEW, IL

Aug 89 - Nov 95

From software engineer to group leader for diverse projects in cable television control systems and related technologies. Projects ranged from developing upstream and downstream transaction processing control systems modules to managing the software development of Zenith's digital solutions. Development in Assembly, C, and C++.

- Developed downstream control and conditional access transmission software.
- Developed upstream impulse purchase transaction processing software.
- Developed and deployed software for spooling guide application and data to set-tops.
- DAVIC and CEMA representative.
- Received three patents

EDUCATION

Aug 1989
Aug 1983

Southern Illinois University, BS in Computer Science
Southern Illinois University, AS in Electronics Technology

Excellent References Available Upon Request