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Ankur Shah

Objective

A challenging position in program development, coordination, administration or related area, which has opportunities for an aggressive, dedicated individual with the leadership abilities needed to advance.

Education

Monmouth University — West Long Branch, NJ
Master of Science (Computer Science).
Cumulative Grade Point Average: 3.8/4.0

Ramjas College, Delhi University — New Delhi, India
Bachelor of science (Computer Science).
Cumulative Grade Point Average: 4.0/4.0

Professional experience

IDT / Net2phone / Adir Technologies — Brick, NJ
Senior Software Architect
2001 August – Present

- Designed, developed and provided costumer-facing consultation for TOP™ (Telephony Order Platform), a subscriber order processing and management system. The solution interfaced with CLECs (upstream) and Accenture (downstream), and offered provisioning for LNP, E.911, DL, and LIDB services for the company's VoIP subscribers. The system processed hundreds of thousands transactions a day, and was recognized as one of the biggest revenue generating products in the company.
- Architected, designed and developed a ~~*patent pending*~~ **patented** framework for monitoring and reporting on the company's Telecommunication and VoIP network. The solution computed data and voice network heuristics, including packet loss, round-trip delay, dial-tone delay, post-dial delay and voice quality analysis using PESQ, among other things. Interfacing options included web using Java Applet and Servlets, Telephony User Interface (TUI) via an IVR, and a proprietary messaging layer written in Java and C.
- Designed and developed a web-based middleware and portal to help end-subscribers manage their telephony features. The framework, dubbed *MyMSO*, has been offered as part of the service offering to the company's 700,000 voice customers.
- Architected, designed and developed a web-based middleware, analysis tool, and portal for VoIP network management platform using Java, C/C++ and JSP/Servlets. This tool replaced a failed applet-based solution, and has been instrumental in generating sales leads and beta trial commitments.
- Architected, designed and developed a site-wide authentication and authorization support for the company's product line. Project involved C/C++, Java (JSP/Servlets) development over SOAP against MySQL, LDAP and proprietary data stores.

CSF Corporation Old Bridge, NJ
Software Engineer
1999 May – 2001 August

- Developed an *eCommunication Middleware* for *Avaya Communication* (formerly Lucent), offering web services to access the Intuity™ Messaging System using the IMAPI™ RPC.
- Developed a Unified Messaging Client (UMC) for *Avaya Communication* in a distributed, directory-enabled environment as a Java Applet/Application. The UMC seamlessly integrated text, voice and fax. Project employed J2SE 1.2 (JFC, Swing), J2EE 1.1 (Servlet, JNDI), JavaMail, JMF (Java Media Framework) and JavaSound.
- Developed a multi-threaded Java framework for *AT&T* that offered functional, load and performance testing of a servlet-based middleware, which provided email and voicemail interfaces via HTTP and XML. Framework included blocking queue for thread synchronization, socket interface for URL retrieval via HTTP GETs and POSTs (www-form and Multipart/MIME encodings), XML parsing layers (via Sun's XML parser), and a socket-based LDAP/SMTP/IMAP layer.
- Developed a web interface for *AT&T* to administer and run a Regression Testing System (RTS) on the server side and report results. The interface used Java Script (Client Side and Server Side via JRun), CGI, and was powered with "Secret Frames".

References

Available upon request.