

Anirban Chowdhuri

Experience	2002 - Present	VideoBureau	New City, NY
	Co-Founder and Chief Technology Officer		
	<ul style="list-style-type: none">▪ Designed and implemented recently patented SnapVideo architecture, for rapid sharing of video snapshots. Ported for use with PDAs, microbrowsers, cellular telephones.		
	2001-2002	Initia, Inc.	New City, NY
	Director of Engineering and Software Development		
	<ul style="list-style-type: none">▪ Developed extensive video element management system (VCOS); successfully deployed beta trials, handled complex technology transfer.▪ Responsible for overall product architecture design, development, production release, as well as database design, schema evolution, implementation.		
	1999 - 2001	VideoBureau	New City, NY
	Co-Founder and Chief Technology Officer		
	<ul style="list-style-type: none">▪ Developed complex, customized software solutions, using legacy and emerging video technologies for the US Federal and Local Judicial system.▪ Responsible for overall customer-specific needs assessment, software architecture evolution, development, production release, and initial customer support.		
	1997 - 1999	VisualScape (formerly CCC)	New York, NY
	Director, Software Development		
	1994 - 1997	CCC (USA), Inc.	New York, NY
	Director, Software Development		
	<ul style="list-style-type: none">▪ Hired a team of software developers for rapid prototyping and product development.▪ Responsible for the Design and development of an instantaneous video communications system that was successfully deployed on trading floors at Chase Manhattan Bank, NYC and London, Barclays Bank, London, and at Walt Disney Imagineering, Glendale, CA.▪ Developed complex, adaptable software solutions, and cutting-edge video technologies to satisfy customer workflow, and deployment requirements.		

1992 - 1994 NYNEX Corporation White Plains, NY

Staff Manager, Media Communications Services

- Developed real-time multi-platform control systems for video and data collaborative applications.
- Designed and deployed video communications transport over a variety of transmission networks (ISDN, T1/E1, SW56, FDDI, RF, TV1) using a large number of protocols (RS449/366, V35, H.261/3), with transcoding / conversion equipment as necessary.
- Developed communication protocols, using TCP, UDP, RPC technologies for seamless cross-platform communication. (SunOS, Solaris, DEC Ultrix, HPUX, Windows)

Education

1989 - 1992 Lehigh University Bethlehem, PA

- B.S., Computer Engineering.

Technologies

- Expert, hands-on experience with video communications products including codecs, MCUs, Gateways, Gatekeepers as well as associated IP and ISDN network configuration, provisioning and setup.
- Expertise with the setup of LAN/WAN based routed video protocols, as well as the implementation of RSVP, Diffserv, IP Precedence, ToS and automated gatekeeper discovery with multi-zoned gatekeeper networks.
- Expertise with the use of vendor-supplied management tools, SNMP agents and viewers, fault analysis and bypass systems, with a specialization in supporting complex, multi-vendor, multi-tiered systems.
- Proficient in the analysis of network readiness and deficiencies prior to implementation of simple and complex video communications solutions. In depth analysis of network security concerns for the least intrusive, corporate network security-friendly solutions.
- Expert knowledge of vendor API capabilities for custom integration and multi-vendor solutions for complex problems. Ability to analyze, converge and evolve vendor APIs for the seamless implementation of typical solutions involving multiple vendor technologies.
- Experience in facilitating the coordination of communications resources that often span multiple groups such as corporate IT, telephony, CTI, LAN/WAN, ISDN/Leased Line, wireless as well as interconnection and peering relationships with carrier, long distance and service provider operations.
- Advanced knowledge of image and video formats and hands-on experience in the implementation of format conversions recorded, live or streaming technologies.
- Hands-on implementation of streaming technologies for the authoring and delivery of real-time or stored content using standard and proprietary vendor technologies, as well as the provisioning and use of private and public mirroring and content delivery networks (CDNs).
- Proficient in web programming technologies such as HTML, DHTML, CSS, Javascript, Vbscript, ASP, ODBC, and SSL.
- Hands on implementation experience with payment processing technologies using Verisign Payflow Link / Pro, Paypal, StoreFront shopping carts.
- In depth experience with SQL development of standalone / distributed database schemae, on database platforms such as SQL server, MS Access, MySql, and Oracle.
- Expertise in low level network programming using TCP, UDP, RPC on multiple platforms, in multiple languages: C, C++, MFC, Java, VB.
- Hands on experience in the design and setup of complex, routed IP networks on a LAN/WAN scale with routers, hubs and switches, bridges and wireless devices.
- Experience in the development of new, or the migration of existing applications as well as web-based technologies for use on handhelds, telephones, and other purpose-built devices for business and consumer deployments.