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| KUNDAN SINGH | software engineer Technology Leader |

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| ABOUT ME Exceptional software engineer and technology leader with exemplary blend of rapid prototyping, system building and domain expertise.  Self-motivated. Hands-on. Real-time communications, cloud, mobile and distributed systems. STRENGTHS  * Quickly create robust software systems and proof-of-concept implementations for even complex ideas and inventions. * Drive projects single handedly from early ideas to completion including cloud deployments, operations and project reports. * Provide technical guidance on emerging areas including critical and quantitative evaluations of projects. * In depth knowledge of audio and video communication technologies for Internet, web, mobile and cloud.  LOOKING FOR… The next career upgrade· software architect, engineering leader· solve difficult problems in software systems· advance my expertise to more emerging areas· apply my skills to touch more lives  Open to software consulting for projects in my technical domain RED FLAGS Reluctant to work without freedom to innovate · to relocate immediately | EXPERIENCE (18yr) 2016 Koopid.io FOUNDING ENGINEER Mobile· B2C· Stealth Mode Startup  2012 – 2016 Avaya Labs RESEARCH SCIENTIST 15 software projects· 10 systems papers· 9 patent applications· collaboration, cloud, web, video, mobile, enterprise, security  2011 Twilio, Emergent, BitTorrent SOFTWARE CONSULTING Intencity Cloud Technologies · Mobile, web to phone, voice quality, web video, E911, cloud, peer-to-peer, video, streaming  2009 – 2010 6Connex  Lead Software Engineer  2008 – 2009 Tokbox  Senior Software Engineer  2006 – 2007 Adobe  Senior Computer Scientist  2006 Bell Labs/Lucent  Member of Technical Staff  1999 – 2006 Columbia University  Research Assistant  1997 – 1999 Motorola  Senior Software Engineer EDUCATION 2006 Columbia University PhD, MS (Computer Science)GPA 4.06 on 4· 15 papers · 3 patents· 35 projects mentored· best TA award· Advisor: Henning Schulzrinne 1997 BITS, Pilani, India Bachelor of EngineeringGPA 10 on 10· university gold medalist· honors | SKILLSPROGRAMMING Python, JavaScript, C/C++, Java, ActionScript, Tcl, PHP, Perl. DOMAIN Web, cloud, communication, real-time, mobile, collaboration, voice, video, messaging, presence, telephony, scalability, reliability, performance, voice quality, enterprise, security. TECHNOLOGIES SIP, VoIP, WebRTC, WebSocket, HTML5, Flash Player, RTMP, XMPP, RTSP, RTP, SDP, REST, NG911, PSAP, P2P, PSTN, H.323, DNS, Windows drivers, OS X audio, browser plugin, chat bots. SYSTEMS AND TOOLS MySQL, gcc/make, Tomcat, Apache, Cordova/PhoneGap, Flex Builder, Eclipse, IntelliJ, VC++, Xcode, LAMP, git, svn, FMS, Red5, SER/Kamailio, Freeswitch, CGI, Servlet, AWS, Google App Engine, Chrome Apps, wit.ai. LINKSHOMEPAGE http://kundansingh.com  For details on projects, papers, demo videos. OPEN SOURCE http://github.com/theintencity  http://theintencity.com/demo.html TECHNICAL BLOG http://blog.kundansingh.com STUDENT PROJECTS AND IDEAS http://myprojectguide.org |

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