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| KUNDAN SINGH | software engineer Technology Leader |

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| ABOUT MEExceptional 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 livesOpen to software consulting for projects in my technical domainRED FLAGSReluctant to work without freedom to innovate · to relocate immediately  |  EXPERIENCE (18yr)2016 Koopid.ioFOUNDING ENGINEERMobile· B2C· Stealth Mode Startup2012 – 2016 Avaya LabsRESEARCH SCIENTIST15 software projects· 10 systems papers· 9 patent applications· collaboration, cloud, web, video, mobile, enterprise, security 2011 Twilio, Emergent, BitTorrentSOFTWARE CONSULTINGIntencity Cloud Technologies · Mobile, web to phone, voice quality, web video, E911, cloud, peer-to-peer, video, streaming2009 – 2010 6ConnexLead Software Engineer2008 – 2009 TokboxSenior Software Engineer2006 – 2007 AdobeSenior Computer Scientist2006 Bell Labs/LucentMember of Technical Staff1999 – 2006 Columbia UniversityResearch Assistant1997 – 1999 MotorolaSenior Software EngineerEDUCATION2006 Columbia UniversityPhD, MS (Computer Science)GPA 4.06 on 4· 15 papers · 3 patents· 35 projects mentored· best TA award· Advisor: Henning Schulzrinne1997 BITS, Pilani, IndiaBachelor of Engineering GPA 10 on 10· university gold medalist· honors | SKILLSPROGRAMMINGPython, JavaScript, C/C++, Java, ActionScript, Tcl, PHP, Perl.DOMAINWeb, cloud, communication, real-time, mobile, collaboration, voice, video, messaging, presence, telephony, scalability, reliability, performance, voice quality, enterprise, security.TECHNOLOGIESSIP, 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 TOOLSMySQL, 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.LINKSHOMEPAGEhttp://kundansingh.comFor details on projects, papers, demo videos. OPEN SOURCEhttp://github.com/theintencityhttp://theintencity.com/demo.htmlTECHNICAL BLOGhttp://blog.kundansingh.comSTUDENT PROJECTS AND IDEAShttp://myprojectguide.org |

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Last updated: Dec 2016