

RESUME

Name	Scott Cong Zhou
Birth Date	27/10/1980
Gender	Male
Marital Status	Married
Nationality	Chinese
Language Skill	English: Excellent
	Chinese Mandarin: Native
	Swedish: Beginner
Contact	+46 725398656 mobile
	+46 107165656 work
Email	scott.cong.zhou@gmail.com



SUMMARY

I consider myself as an expert software designer with strong test sense. I have more than 10 years' experience in software development, which mainly focus on C and C++, but also have knowledge on JAVA, Python, bash, Erlang, Ruby and Ruby on Rails. And I have 3 years' experience in function test with TTCN-3 and Java. I have solid knowledge of software development on Linux and Windows environment specially on server-side, experienced on network programming, data structures, IPC, multi-thread, Virtualization, cloud, cluster, scalable distributed system, database (mysql, SQL SERVER), SIP, voice Protocol (G711a u/G723/G729), RTP, ISUP. I am a good team player, with strong sense of responsibility and a good learning ability. I always been self-motivated and make things happen.

EXPERIENCE AND SKILLS

- **More than 10 years software development experience and 3 years function-test experience in telecommunication industry.**
- **Knowledge of Linux / UNIX / Solaris.**
- **Expert on C/C++ programing. Strong object oriented design and programing skills.**
- **Knowledge of Java, Python, bash, Erlang, Ruby and Ruby on Rails.**
- **Have experience on KVM, Cloud, and Cluster.**
- Strong test competence with TTCN-3 and be able to take the tester's point of view.
- Familiar with Ericsson IMS architecture, **expert on Ericsson IMS Node MGC/MTAS.**
- Familiar with Ericsson software platform (IS / TSP and CBA).
- Deep knowledge in telecommunication protocols: SIP, SIGTRAN, ISUP, H.248, SNMP, RADIUS, Diameter, RTP, etc.
- Excellent working English skills, both in oral and in written.
- Strong global cooperation experiences.

EDUCATION

09/1999-07/2003 Guilin University of Electronic Technology
Bachelor – Computer Science

EXPERIENCE

09/2009–Present Ericsson AB

Software developer in CBA Core MW (Stockholm, 10/2014 - Present)

Software developer in IMS MTAS (Stockholm, 12/2011 – 09/2014)

Software designer in IMS MGC (Shanghai, 09/2009 – 11/2011)

12/2007–08/2009 iSoftStone Information Service Corporation

Senior software engineer, be send to working at Ericsson Shanghai branch

01/2005–12/2007 Shanghai UD Technology Co., Ltd

Software engineer

08/2003–12/2004 Shanghai NewTone Co., Ltd

Software engineer

Personal skill

- Highly motivated and committed, very energetic
- Excellent communication skills and team working spirits
- Quick learner and willing to share
- Open to take risk and try new things

PROJECT EXPERIENCE(Ericsson)

CBA Core MW Software developer (10/2014 - Present)

CBA(Component Based Architecture) is an implementation of EAG(Ericsson Architecture Guide). Core MW is a component of CBA and it implements a number of services specified by SAF (Service Availability Forum). It is based on the third party open source product OpenSAF.

Main Responsibilities and Achievements:

- Actively attend the development of CoreMW Scaling function, adapt Cloud/Virtualization environment for CoreMW.
- Mentor newcomers.

IMS MTAS software designer and function tester (12/2011 – 09/2014)

The Multimedia Telecommunication Application Server is an application server located on the ISC interface in an IMS network. Its purpose is to provide real time peer-to-peer communication services.

Main Responsibilities and Achievements:

- Develop new features for MTAS.
- Maintain MTAS code and fix bugs.

- Setup test environment, design and execute function test cases. Analyze test result and submit test report. Be good at bug hunting and troubleshooting.
- Work in Agile WOW and be cross-function.
- Be a member of MTAS ST AS (SIP Trunking Application Server) responsible team, handles issue in ST AS related area and give support to other teams.
- Mentor newcomers.

MGC software designer (12/2007 – 11/2011)

MGC is node that provides the signaling level inter-working function between circuit switched telephone network, GSTN and packet switched multimedia networks. It is based on IS blade system.

Main Responsibilities and Achievements:

- Develop new features for MGC.
- Maintain MGC code and fix bugs. Give support to PIDS team and handle issues from customer site.
- Analysis requests from customer and write implement propose.

PROJECT EXPERIENCE (Other company)

IP Value-added Application Platform (VAP) software designer (01/2005 – 12/2007)

VAP is a VoIP development platform, providing C++ API. Based on the platform customers can be develop their own IP-based value-added application quickly and easily. VAP will block the media and SIP signaling details, the developers who use this platform can focus on the business logic. VAP use SIP as control signaling, RTP/RTCP for media transmission, and support G.723, G.729, G.711, G.726 voice protocol.

Main Responsibilities and Achievements:

- Be a member of VAP software architecture team, design the software architecture for VAP base on the limited hardware environment.
- Implement the media handling logic base on the 3rd party RTP and codec package.
- Develop commercial applications based on VAP.

OpenSN software designer (08/2003 – 12/2004)

OpenSN a Multi Media Telecommunication Application Server with build-in Media Service. It should working together with the call control node OpenCA. It can provide following applications: prepaid card, auto attendant, voice mail, etc.

Main Responsibilities and Achievements:

- Develop new features and fix bugs.
- Implement the prepaid card application.
- Implement the voice main application.

PROJECT EXPERIENCE (Open source)

tool-log on Github (01/2012 – 12/2013)

Create open source project tool-log. It is an asynchronous log/trace library on Linux and now located on Github.

tool-inmemorydb on Github (01/2003 – ?)

Create open source project tool-inmemorydb. It is an interprocess inmemory DB library on Linux which can share datas between processors within same computer. It is located on Github now.

Training and Courses:

2014, 3 Days	Course Name: Cloud Infrastructure and SDN Organized by: Ericsson Academy
2014, 3 Days	Course Name: Effective Java Organized by: Ericsson Academy
2014, 3 Days	Course Name: CBA Installation, Configuration and Handling Organized by: Ericsson Academy
2014, 1 Day	Course Name: CBA Introduction Organized by: Ericsson Academy
2013, 4 Days	Course Name: TSP Development Organized by: Ericsson AB,Sweden
2012, 3 Days	Course Name: IMTAF essentials TRAINING Organized by: Ericsson AB,Sweden
2012, 4 Days	Course Name: TTCN-3 Course LZU 102 957 Organized by: Ericsson AB,Sweden