Hansraj Das

Software Developer at Google via GlobalLogic Inc.

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Seasoned software engineer with extensive experience in software/web development, testing and maintenance of complex products. Most of the work experience revolve around Python, C/C++ and Golang. Good understanding of databases - MySQL, SQLite and LDAP. In depth understanding of algorithms, data structures, time/space complexity and OOPs concepts. Posses good knowledge of designing/architecting, testing and deployment of softwares on various platforms. Also have hands on experience in front end frameworks/libraries - AngularJS, jQuery and python modules like numpy and pandas. Currently working as a developer for Google as TVC @Google Gurgaon, India.

SKILLS

Languages
Master

python | c/c++ | shell scripting

Languages
Intermediate

golang | javascript | css | html

Framework
Intermediate

angularjs | jquery | numpy | pandas | sqlalchemy | webapp2

Databases
Master

mysql | ldap

Software Tools
Master

vim | wireshark | gdb | valgrind | callgrind | purify | bullseye | jenkins

Server
Master

apache | socket programming

Version Control
Master

git | cvs | svn

Operating System
Master

ubuntu | unix | linux | windows

Cloud Platform Tools
Intermediate

google appengine(gae) | google cloud sql | borg/kubernetes

WORK EXPERIENCE

Senior Software Engineer at GlobalLogic **March 2017- Current**

https://globallogic.com

Working on 2 google internal tools

- Improved tools performance, latency from 20 secs to 5 secs
- Implemented bulk edit functionality to update agent profiles in batches - Based in Golang, Jquery, and CloudSQL
- Developed python and agularJS based tool to manage agent assignments
- Also working on various pipelines, dashboards, deployment platforms like google app engine, borg/kubernetes

Technical Leader at Aricent, Gurgaon **October 2011- March 2017**

https://www.aricent.com/

Majorly involved in development of HSS REST interface and LTE EPC

- Developed XML based REST interface to configure LTE HSS using python, C/C++, gSoap and apache web server
- Developed support for distributed HSS in EMS, EMS is a web based tool to configure LTE EPC nodes. Technologies used is python, C/C++, javascript and HTML
- Developed a python based tool to migrate routing configurations stored at ldap server (in ldif files) on new hardware platform
- Developed S6a and STa interface in HSS, in depth knowledge of diameter protocol
- Integrated all LTE EPC core network nodes (MME, SGW, PGW, HSS and PCRF)

EDUCATION

B.Tech Electronics and Communication at Bharati Vidyapeeth's College of Engineering
2007 - 2011

Grade: 73.4%

XII Science at Kendriya Vidyalaya, Rohini, Delhi
2006 - 2007

Grade: 86.4%

AWARDS

Individual Excellence Award at Globallogic

Got individual excellence award for quarter Jan-Mar 2018

Aricent Training Project at Aricent

Won second prize for training project (network firewall) at aricent, Jan 2012

LANGUAGES

Hindi	English
Native speaker (mother tongue)	Native speaker