

# Hansraj Das

## Software Engineer at Google via Globallogic

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in [hansrajdas](#) 🔗 [hansrajdas](#)



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 angularJS 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** at Kendriya Vidyalaya, Rohini, Delhi  
**2006 - 2007**

**Grade:** 86.4%

**X** at Kendriya Vidyalaya, Rohini, Delhi  
**2004 - 2005**

**Grade:** 65.8%

## 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

**Chess Competition** at Bharati Vidyapeeth's College of Engineering

2nd Place in Chess Competition | Annual Sports Meet 2009-2010

## LANGUAGES

**Hindi**

Native speaker (mother tongue)

**English**

Native speaker

## REFERENCES

" Hansraj has very good technical skills. He worked with me in a complex HSS feature development. He has shown great character and problem solving skills during that assignment. He is someone you can trust and rely on. He is very soft spoken and a good listener. I will definitely recommend him for his attitude and technical competence. And would look for a chance to work again with him. All the very best. Cheers!! "

**LinkedIn Recommendation - Yashveer Arya, Engineering Project Manager at Aricent**

" I have worked with Hansraj, he is an excellent team player and highly productive in his all assignments. He works proactively and his presence gives confidence to the team members. He has collaborated with other teams (HSS and IMSLite) for fixing their module issues by providing necessary logs and detailed analysis of issues, showing his flexibility to take on new challenges. His "never say no attitude" differentiates him from others and that's the reason he commands a great rapport in his team. Keep it up Hansraj :) "

**LinkedIn Recommendation - Rahul Tiwari, Engineering Project Manager at Aricent**