

# Hansraj Das, Senior Software Engineer at Globallogic

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<https://github.com/hansrajdas>

## SUMMARY

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

## EXPERIENCE

### GlobalLogic

#### Senior Software Engineer

<https://globallogic.com>

Mar 2017 — Present

- 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

### Aricent, Gurgaon

#### Technical Leader

<https://www.aricent.com/>

Oct 2011 — Mar 2017

- 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)

## AWARDS

### Individual Excellence Award, Globallogic

- Got individual excellence award for quarter Jan-Mar 2018

### Aricent Training Project, Aricent

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

## EDUCATION

### Bharati Vidyapeeth's College of Engineering

B.Tech - Electronics and Communication, GPA: 73.4%

Aug 2007 — Jun 2011

### Kendriya Vidyalaya, Rohini, Delhi

XII - Science, GPA: 86.4%

Apr 2006 — Jun 2007

## LANGUAGES

Hindi (Native speaker (mother tongue)) , English (Native speaker)