

---

EMPLOYMENT

---

<b>Software Engineer</b>	<b>Amdocs India, Pune</b>	<b>Sept 2012 – July 2016</b>
--------------------------	---------------------------	------------------------------

**Projects:**

**Next Best Billing Offer (NBBO) Real Time Prediction on Apache Spark (May 2016 – July 2016)**

- Created NBBO predication algorithm on CART, which creates usage/network data trends in real time and predicts next best billing offer suited for the subscriber for maximizing usage and minimizing billing cost.

**Open Source BI-Groovy Enricher for Apache Pig (March 2016 – May 2016)**

- BI-Groovy enricher provides tool for writing complex business data transformations without writing PIG UDF.

**Fact/Mutable tables on Hadoop Framework (March 2015 – April 2016)**

- Design and implemented Mutable/Fact tables for Hadoop on top of Apache Hive and Apache Hbase.
- Mutable tables provide the facility for custom measure and dimensional rollups efficiently for huge data sets.

**Product Usage Computational Algorithm for Globe Telecom (Philippines) (August 2014 – February 2015)**

- Redesigned and developed Product Usage (PU) computational model supporting complex unit and monetary usage. Run time for PU was decreased from 240 mins to 15 mins and accuracy increased from 65% to 98%.

**Hadoop Deployer and Version Manager (May 2014 – August 2014)**

- Created OPUS in Groovy for deployment and version management at hdfs level for Hadoop based products.

**Open Source Data Reconciliation Framework (May 2013 – June 2013)**

- Created data reconciliation framework ART, for data accuracy and integrity checks between various product modules for better data visualization and interactive dashboards.

**Globe Integrated Data Warehouse (January 2013 – March 2014)**

- Designed and implemented ETL for maintaining type-2/3 SCD for business areas like Amdocs RPL, Bill, Amdocs SRM and Turbo Charger. ETL design supported CLDM specification with approximately 100-200 TB per day.

**Open Source External Task Scheduler (A-CPS) (September 2012 – December 2013)**

- A-CPS provides interface to schedule tasks with inter/intra schedule dependency for Linux CLI triggered jobs.

---

**Software Engineer Intern**

**Gameloft, Pune**

**Dec 2011– March 2012**

Designed and implemented efficient dynamic gesture control API for Generic Gaming control:

<http://research.ijcaonline.org/icwet2012/number12/icwet1089.pdf>

---

**Teaching Assistant**

**University of Pune**

**Fall 2009 – Fall 2012**

Courses: Data Structures, Algorithm and Theory of Computation.

---

EDUCATION

---

**Gainesville, FL**

**University of Florida**

**Fall 2016 – Present**

- M.S. in Computer Science, 2016.
- Graduate Coursework: Advance Data Structures, Cloud Computing, Formal Languages theory of Computation.

**Pune, India**

**University of Pune**

**Fall 2008 – Fall 2012**

- B.E. in Computer Science, May 2012.

---

ADDITIONAL EXPERIENCE AND AWARDS

- **Second Prize, Amdocs innovation (2016):** Awarded 2<sup>nd</sup> prize for stackable PU implementation in TC.
- **First Prize, Hackathon (2015,2014):** Awarded 1<sup>st</sup> prize in 16hr Pune Hackathon among 80 corporates.
- **Employee of the cluster (August 2015):** Awarded employee of the cluster by Amdocs SI&O for contribution.
- **Second Prize, Design Projects (2012):** Awarded 2<sup>nd</sup> prize for Gesture Control Gaming, out of 100 projects.

---

Languages and Technologies

- Programing Languages: C/C++, HTML, Python (Django), SQL, Groovy, Java, Scala, BASH.
- Misc. Tech.: MapReduce, Informatica, Apache Hive, Apache Hbase, Apache Pig, Apache Spark, Perforce, Linux.