



Milind Sheth

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Work experience

HSBC Software Development Pvt. Ltd.

July 2018 — Present

Software Engineer

- Working in an **Agile environment on a high visibility project**- Teradata to GCP migration, the first of its kind for any bank in the world where all the data pertaining to UK, US and HongKong Data Warehouses need to be migrated to Google Cloud Platform with move and improve approach, thereby, focusing majorly on Automation First Strategy.
- Developed **Data Reconciliation Tool** (Reconciliation of data between any source and target system using MD5 algorithm) and **SQL Parser** (fully automated conversion of ANSI SQL to Cloud Native SQL) that was presented at **Google Next'18, San Francisco** with Google demanding it to be rolled out as an open-source product.
- Worked on 12 **accelerators/parsers as a part of the automation strategy** like Data Reconciliation module, cost of SQL Query, Cognos Reconciliation Tool, SQL parser, SAS Parser, Data Lineage tool, end-to-end GIT integrated pipeline, Test Data Generator, TD to BQ automated table creation, etc.

Saint-Gobain India Private Limited

May 2017 — July 2017

Summer Intern (SGIPL Flagship Programme)

Department: Sales & Marketing(Project and Processing)

Project assigned: "Capacity utilization of Processors and formulation of Business strategies to improve their efficiency " using tools like EHS, WCM, 6S, 7QC & Why Why Analysis.

Locations visited: Himachal Pradesh, Roorkee, Mumbai, Chennai.

Reliance Group of Industries Limited

June 2016 — August 2016

Summer Trainee

Department: Polymer Marketing

Project assigned: Developing a business model by ensuring efficient sourcing of Plastics (mainly LDPE,HDPE,LLDPE) in the Pharmaceutical Packaging Industry to set up the Largest Capacity in India.

- Market Research and detailed surveying on the current Pharma Packaging Material being implemented by various companies throughout India like LUPIN, CIPLA, SUN Pharma,FDC Industries,etc.
- Developing a strategy to increase the inventory efficiency and ensure effective sourcing using MATLAB.
- Successfully carried out the necessary requirements and received recognition for compiling the report it was accepted and implemented across Reliance Group of Industries which saw an increase in profits by 15.2%

Education

B.Tech Aug 2014 — April 2018
National Institute of Technology, Warangal
Overall CGPA: 7.97

Class XII (CBSE) April 2013 — April 2014
International Indian School, AI-Jubail
Secured 92.2% (PCM + Computer Science) with Distinction Grade.

Class X (ICSE) April 2011 — April 2012
Queen of Angels' Convent Higher Sec. School
Secured 94.2% with Distinction Grade.

Technology Stack

- Google Cloud Platform:** BigQuery, BigTable, Cloud Storage, Kubernetes, App Engine, Compute Engine, Data Studio, Data Fusion, BI Engine.
- Coding Languages:** C, C++, Python, Shell Scripting, Bash scripting, HTML, CSS, Java, Teradata SQL, BigQuery SQL.
- ETL, Data Ingestion and Data Visualization:** Data Studio, Data Fusion, DataStage, Tableau, IBM Cognos, Control-M, JUNIPER.
- Agile Tools:** Atlassian tools like JIRA, Confluence, ALM-GITHub, etc.

Achievements

- Worked on Data Reconciliation Tool and SQL Parser (fully automated conversion of ANSI SQL to Cloud Native SQL) that was presented at **Google Next'18, San Francisco** with Google demanding it to be rolled out as an open-source product.
- Won **HSBC Global Datathon** which was held across the world by developing a product- **HSBC IntoTheFuture- "Economic Slowdown Predictor"** which was generate statistics well in-advance of the effect on HSBC's product in a country as per the economic conditions. The product garnered a seed funding of \$125k.
- Received "**Star Performer of the Year**" award in 2018 with Top Technical + Behavioral ratings.
- Founder and Organizer for CloudBytes** - a platform for mutual learning, sharing and collaboration: Initiative to encourage speakers from various teams/backgrounds to take the center stage and share their Innovations/Findings/Experience with the mass. AS of 2019, 17 sessions have been conducted with speakers from HSBC, Google, Novartis, JP Morgan, IIT Bombay, HSBC CEO, HSBC CTO, etc
- Member of Super 10:** An HSBC driven program across India where 10 most potential candidates are chosen and trained on various certification courses.
- Made it to the FINALE of **HTI Codegrind India'19** - Automated the process for HSBC Letter of Credit by developing a fully automated Customer-RM portal completed hosted on Google Cloud Platform and powered by App Engine, Machine Learning and Data Analytics.
- Represented NIT Warangal for All-India Quiz Competition named 'INTERROBANG' at National Academy of Legal Studies and Research (NALSAR), Hyderabad.

8. AMPS Quiz Championship- Winner of the Saudi Arabian region for two consecutive years- 2013 and 2014.
9. Represented Gujarat in Men's U-19 category at the National Level Table Tennis Tournament held at Solan,Himachal Pradesh in 2013.
10. Winner of the All-Gulf (GCC) Region "Table Tennis Cluster Meet" in 2012 for Men's U-19 Team and Individual categories.

Portfolios held at HSBC and NITW

1. **Founder and Organizer of CloudBytes:** a platform for mutual learning, sharing and collaboration.
2. **Team Lead for "Economic Slowdown Predictor"** : Winner of HSBC Global Datathon competition that received a massive funding of USD 125K from multiple investors based in UK.
3. **Team Lead for "HSBC FutureNext"** : Top 6 as a part of HTI Codegrind India'19.
4. **Organizing Lead** for HSBC Data Services Annual Fest'19.
5. **GENERAL SECRETARY** of INDIAN INSTITUTE OF CHEMICAL ENGINEERS (IIChe), NIT Warangal for the current academic year 2017-2018.
6. **Additional Secretary** of QUIZ CLUB, NIT WARANGAL for the year 2016-2017.
7. **JOINT SECRETARY** of Chemical Engineering Association (ChEA), NIT Warangal for the year 2016-2017.
8. **EXECUTIVE MEMBER** of INDIAN INSTITUTE OF CHEMICAL ENGINEERS (IIChe), Student Chapter for the year 2015-2016.
9. **Sponsorship and Public Relations Coordinator** for Springspree'16(Cultural fest), NITW.
10. **Event Manager** for TECHFRESH in association with Technozion'15 - a technical intramural event comprising of- Aptitude Test, Treasure Hunt, Crisis Management and Press Conference.

Relevant Skills

TECHNICAL: High proficiency in C, C++, Python, SQL, R, BigQuery, BigTable, Cloud Storage, Kubernetes, App Engine, Compute Engine, Data Studio, Data Fusion, Datastage, Tableau, IBM Cognos, JUNIPER, Atlassian Tools (JIRA, Confluence, ALM-GIT), MS-Word, PowerPoint, Excel and MATLAB.

COMMUNICATION: Proficient in written and spoken English and Hindi, and can deliver on a public speaking platform (Certified Toastmaster). Lead speaker for pitching "Economic Slowdown Predictor" to business which garnered a seed funding of USD 125K.

IT: Cloud Architecture, Web Development, App Development ,Game Automation, Data Visualization, Data Transformation.

MANAGEMENT: Proficient in medium/large scale event management in corporate/college fest and sponsorship activities.

OVERALL: Experienced in more sustained tasks and projects, thereby, understanding the value of time management, data handling, long-term commitment as well as the zeal for working in pressurized scenarios.