

EDUCATION

- Pune Institute of Computer Technology** Pune, India
Bachelor of Computer Engineering; GPA: 3.66 (9.15/10.0) *Aug. 2012 – July. 2016*

OBJECTIVE

In my professional experience, I have worked in an environment which follows Agile, Extreme Programming practices. I have learnt to write clean code, TDD; worked on backend, DevOps. I am interested in Distributed systems, DDD. In an effort to enhance my knowledge and contribute to organization's growth, I'd like to bring these skills to the mentioned position.

EXPERIENCE

- ThoughtWorks** Pune, India
Application Developer *August 2016 - November 2020*
 - Capital Management Finance Application:** Tool to capture and maintain holdings for multiple capital assets for partners. Provide an updated view to the user along with picture perfect reports and even ad-hoc analysis. Very critical application since this is the only source of truth for a partner's holding.
I worked on the following technologies in the project :
 - Backend: MiroServices, Spring Boot 2.1, Java 11, Mysql 8, helm, k8s, GoCD pipelines
 - Monitoring & Logging: Build dashboards, alerts in Splunk. Metric collection using Prometheus and visualization in Grafana.
 - Data Migration: Migrated data from legacy application's Oracle DB to Mysql 8 using Sqllines, Pentaho and tested using Querysurge.
 - ETL: ETL of data from application to reporting using Pentaho, run using Kubertenes Jobs
 - Spring-Batch for batch transactions.
 - Frontend: Worked to some extent: React 16(functional components), Redux, Ag-grid.
 - Retail pricing solution:** Price recommendation system for products placed on the shelf. The application comprised of human intelligence and Data Science. Apart from writing Scala API's, I also worked on Data Engineering to some extent.
 - Aiflow as workflow-manager/orchestrator.
 - Spark Jobs deployed on GCP DataProc cluster.
 - Scala 2.12, Play Framework, Postgres, Kubernetes.
 - ETL Application:** The goal of the application was to get data(around 250Gb) from Salesforce and dump it into AWS Redshift via S3 using *COPY* command. Analysts used this data for visualizations in Tableau.
 - Created a Kubernetes job from within the cluster, using RBAC.
 - Used Celery to speed up the downloading data from Salesforce.
 - Refactored synchronous API requests to asynchronous using asyncio.
 - Python3, Flask, React, Redux, K8s, helm, circleCI.
 - Bumblebee Chatbot (Internal Application):** Created a chatbot as a platform so that other teams can develop their features into the bot. Integrated with chat.google
 - Tool used: API.ai now known as Dialogflow.
 - Got familiar with AWS services like AWS lambda, DynamoDB, IAM roles and JWT tokens, Oauth2.
 - Golang 1.8, CircleCI
- Pune Institute of Computer Technology** Pune, India
Student *Aug 2012 - May 2016*
 - Distributed Off-heap JVM Cache:** Interned at eQ Technologic. Stored large data, replicated across cluster, in JVM off-heap inspired by HDFS architecture.
 - Pradnya Competition:** A Django web application, so participants can solve problems by submitting code.
 - Blog:** In 2nd year wrote a blog on NASM(x86 assembly language programming) with my colleague.
<http://nasmcodeasy.blogspot.in>

ACHIEVEMENTS

- **Google Summer of Code 2016 - Apache Zeppelin:** Notebooks are stored in the local file-system or cloud. The goal of the project was to share these notebooks with other users via p2p systems like IPFS, Bittorrent
<https://onkarshedge.github.io/gsoc2016/>
- **ACM ICPC:** Participated in ACM ICPC regionals 2015 IIT Kharagpur, secured 71st rank, only team from PICT at that regionals.

PROGRAMMING SKILLS

- **Languages:** Java, Python, Scala, JavaScript