

# Ashish Sharma

SDE-II @ INMOBI TECHNOLOGY SERVICES  
PRIVATE LIMITED

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B.Tech(CSE)@NIT Jalandhar: 2014-18  
CGPA: 7.71

## Work Experience

Jan,20-Present ● SDE-II @Inmobi  
Jun,18- Dec,19 ● SDE-I @Inmobi  
May,17- Jul,17 ● SDE-intern @OlaCabs

## Other Profiles

Linkedin: [ashish-sharma-nitj](#)  
Github: [Ashish-sharmaa](#)  
Codechef: [a1s1\\_6](#)[4 Star]  
HackerEarth:[Ashishsharmaa](#)

## Skills

### Languages

C, C++ ,Python, Java, NodeJS, Groovy

### Scripting Languages

HTML, CSS, Javascript, Bash

### Database

CosmosDB, MySQL

### Tools & FrameWorks

Azure, Express, Dropwizard, Flask, Django,  
Kafka, Rest Api, GraphQL, Jenkins, Docker

## Certificates & Achievements

- Awarded Real Star Award in Inmobi for outstanding performance in various projects
- Data Structure and Algorithm by IIT Madras:([Elite Certificate](#))
- 59th rank in ACM-ICPC 2017 at Kanpur-Kolkata region
- 342nd rank worldwide in [Codeforces Round-376](#)
- 264th rank worldwide on [Codechef- Cook off-74](#)
- Solved more than 600 coding questions on [HackerEarth](#), [Codechef](#) and [Codeforces](#) and other platforms
- Scored 228/360(99.7 percentile) in JEE-Mains 2014

## Other Activities & hobbies

- Core Team Member of Coding Club NIT Jalandhar.
- Coding, Badminton, Cricket etc.

## Projects

### Automatic Pipeline Onboarding Web Application

- A web portal that enables the teams to onboard their projects on the CI/CD pipeline.
- It enables creation/updation of prerequisite folders/files from the portal which are integrated with the team's project via git-pull request directly.
- It enables updation of git settings and jenkins job CRUD operations required for onboarding.
- **TechStack:** Nodejs, Express, Rest Api, Docker, Aks, Nginx

### Project Specific CI/CD Pipeline: CDRP

- A Config Driven Runtime CI/CD Pipeline that enables a team to manage all their build activities from git itself avoiding the need to go to build-page.
- The pipeline detects the project type on runtime and runs project,git and jira based sanity checks, triggers unit-tests, builds and publishes artifacts to custom registries at specific paths preset by the team.
- It takes input from previous jobs to decide the current flow.
- The steps involve parallelism to improve the build times.
- **TechStack:** Groovy, Jenkins, Git, Azure, Rest Api

### Software Maturity Dashboard

- A web portal that enables the team to check their projects/orgs maturity score.
- It collects the build information from the CI/CD pipeline and uses several parameters like count of build failed due to unit-test failure, code-coverages, warning count etc. to calculate maturity score.
- The team can either use the portal or subscribe for periodic email to get notified with the maturity score at project/organization level.
- **TechStack:** Nodejs, Express, Rest Api, CosmosDb, Docker, Aks, Nginx

### Anomaly/Fraud Detection Application

- A Project that detects fraud/anamolities devices and user-ids during run-time.
- It gives alerts on every unknown device login/signup for a user accessing any of Ola-cabs apps.
- It calculates the risk score i.e. fraud detection factor on the basis of various predefined parameters.
- **TechStack:** Java, Maven, Dropwizard, Rest Api, SQL

## College Projects:

- **Optimization of Vehicle Routing Problem**  
**TechStack:** Genetic Algorithm(ML), Java, Html, CSS, Google Maps Api
- **YouTube Downloader along with Subtitles**  
**TechStack:**Python, Beautiful Soup
- **Online Judge for Battle of bots for College Tech Event(Techniti)**  
**TechStack:** Java