

# Dollar Dhingra

Senior Software Engineer

A self-motivated software professional with a focus on implementing & **following best engineering practices** in an agile environment, **writing clean code** & helping in team building



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## WORK EXPERIENCE

### Associate Technical Lead (TO THE NEW)

Client 1: Healthcare Domain (Python, AWS Lambda, AWS S3)

11/2020 - Present

Noida, Uttar Pradesh

Achievements/Tasks

- Responsible for owning and maintaining multiple repositories, debugging & fixing production bugs, preparing python libraries for release on private PyPI server
- Reduced the development time for engineers from **days to hours** working on creating an **AWS cloud-based** tool for handling restrictions related to **PHI Compliance**
- Improved code quality & readability by using tools like **linters**, **formatters**, **hooks**, **coverage** tools and integrated them into the CI
- Optimised **python code to be asynchronous**, reducing the total crawl time(a periodic job) from **1 hour to 10 minutes**
- Improved coverage by writing unit tests for multiple repositories
- Conducted **knowledge sharing sessions** within the organisation along with guiding and **mentoring junior developers**

### Senior Software Engineer (TO THE NEW)

Client 2: Recruitment Domain (Python, Django, Celery, MySQL, AWS S3, Grafana)

02/2019 - 10/2020

Noida, Uttar Pradesh

Achievements/Tasks

- Participated in the creation of **high level & low level designs** that incorporate all agreed on requirements in PRD
- Delivered multiple **engineering demos** for key features developed
- Integrated a UI in the **Django admin** for the customer success team making the customer onboarding process 80% faster
- Worked on improving a system for **ingesting thousands of jobs every hour** from different job sources with different file formats into the database
- Optimised a Django web app by adding a message-queue using **celery**
- Created & documented **REST APIs** and integrated multiple Applicant Tracking Systems into the main system(just like Trivago for hotels)
- Added monitoring using **Grafana & Influx** on the web application
- Integrated **i18n & l10n** in the **Django** application

### Software Engineer

Sharedreach Mobility Services

01/2015 - 01/2019

Gurugram, Haryana

Tech Stack: *python, django, javascript, MySQL, MongoDB, AngularJS*

Tasks

- Worked on B2B SaaS based product for retail
- Created a **configurable email scheduler** from scratch for sending reports to customers, designed the **complete UI** with different templates in the email
- Integrated 3rd party tools & packages with the main system such as interactive maps(**google maps & leaflet**), **charts** & graphs, **social network login**.
- Redesigned the **complete UX & UI** in mobile app and web
- Improved existing code's readability & efficiency

## HONOR AWARDS

1st Prize - Geek Combat (Hackathon) (02/2021 - 03/2021)

TO THE NEW

Employee of the month (09/2019 - 10/2019)

TO THE NEW

## SKILLS

Python

Django

REST APIs

Celery

Data Monitoring

i18n & l10n

Asynchronous Programming

Git

MySQL

MongoDB

AWS Lambda

AWS S3

Code Quality Tools

## PERSONAL PROJECTS

Cowin Slots finder (JavaScript, HTML, CSS) (05/2021)

- <https://dollardhingra.com/cowinquick/>
- <https://github.com/dollardhingra/cowinquick>

Covid19India Resources (Python, Heroku, Telegram Bot) (04/2021)

- Finding resources on twitter for covid19
- <https://github.com/dollardhingra/covid19indiaresources>

## EDUCATION

### MCA

JIMS, Guru Gobind Singh Indraprastha University

08/2012 - 07/2015

78%

### BCA

Maharaja Surajmal Institute, Guru Gobind Singh Indraprastha University

08/2009 - 07/2012

76%

## CONFERENCES & COURSES

MongoDB for Python Developers (07/2020)

[mongodb.com](https://www.mongodb.com)

Clean Code (06/2021)

Udemy

- <https://www.udemy.com/course/writing-clean-code/>

## INTERESTS

Gadgets

Health & Fitness

Books