



Ankush Choubey

Full Stack Developer

✉ ankushchoubey@outlook.com

🌐 ankushchoubey.com

☎ +91-7709473553

📍 Current Location:
Mumbai, India

Skills

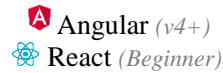


Cloud

Backend Languages



Frontend



Database



DevOps tools used

Git, Jenkins, Liquibase, Kibana, Docker

Agile Practices

Scrum (1 project)
Kanban (2 projects)

Work Experience

System Engineer

Tata Consultancy Services, Mumbai
Client: Sony Pictures Entertainment (USA)

July 2018 – Present

- ★ Worked on 4 projects.
- ★ **Shipped two critical projects within 6 months of joining.** Both were delayed for over 2 years past deadline.
- ★ Helped make two applications have **highest code quality score** (CAST TQI) within SPE.



Frontend

- Improved speed of the **Angular** app substantially by **optimizing time** complexity, decoupling and modularizing components, **caching** REST responses, replacing server-side PDF generation with client-side **PDF generation**, and **upgrading** to Angular 9.
- Created a feature from scratch to **create infographics images** with customizable background color, images, data and themes.
- Created **Angular Library** so that other projects can easily install and use all major features implemented in these projects.



Backend

- Created Spring Boot **REST API endpoints**, **Spring Batch** job for loading data into the application, Unit Testing with **Mockito** and **Spring Data JPA CRUD** operations.
- Developed a **approval pipeline** involving multiple approvers and approver groups. (🏆 *Appreciation Received*)
- Made setup of local environment easier by using **Spring Profiles**.
- Upgraded** Spring Boot from 1.5 to 2.5.



Database

- Reduced overall data processing time from 4 hours to 2 minutes** compared to the previous method (excel) by designing data pipelines and batch jobs in SQL Server. (🏆 *Appreciation Received*)
- Made Oracle **SQL script for data migration** from old application
- Created Automated **DB Deployment script for Liquibase** using both XML and SQL Format.



Cloud

- Created **AWS Lambdas** to get PDF stored in S3, extract its text using Amazon Textract and stored it back into S3. (🏆 *Appreciation Received*)
- Docker** File for containerizing .war
- Drafted AWS Architecture** for the application which is currently under review.

Other Technical Contributions

- Setting estimation for 2 projects
- Preparing migration proposal for a new project
- Built 2 POCs
- A 45-minute teaching session on “Writing Clean Code”

Non-Technical Contributions

- Interviewed 2 experienced candidates and 5 fresher candidates.
- Hosted a 3-hour online event.
- Member of Cultural Committee

Web Intern

Episkope Infotech, Thane

June 2017

Frontend

- Built the mobile version of IOT Monitoring Tool by using Bootstrap, jQuery and HighCharts JS library.
- Created a Tree Menu UI where elements would change dynamically through a configurable XML file.

Significant Certifications



NPTEL:
[Introduction to Machine Learning](#) 2017
[Introduction to Data Analytics](#) 2017

Personal Projects



django

Machine Learning + Django

[Hybrid Recommender System](#) 2018

5 approaches implemented from scratch + Django website + MySQL

Algorithms Implemented
from Scratch

[K-Means Clustering](#) 2018

Performed quantization to
compress images

[Bloom Filter](#) 2018

A probabilistic DS used to
check if element is in a Set

[KNN Classification](#) 2018
Over Iris Dataset

kaggle

Kaggle Notebooks
(Image Classification)

[Aerial Cactus Identification](#) 2019

Rank 525 of 1225

[Digit Recognizer](#) 2019

Ensembled LeNet5 96% accuracy

[Classification Malaria Dataset](#) 2019

ResNet34 97% accuracy

Big Data

[Hadoop Group By CSV](#) 2018

Deployed Hadoop on local Docker and created Python scripts

Notable Coding Contest Participations

[Game of Deep Learning](#) 2019

Image classification challenge
on Analytics Vidhya
Rank 41 of 441 on private leader
board

[halite.io II AI Challenge](#) 2017

An AI Programming challenge
Rank 342 of 5832

TCS CodeVita Season VI 2017

Recruitment Competition
Rank 2200 of 50,000+

**TCS CodeVita
SuperCoders** 2019
A competition for TCS
Employees
Rank 91 of 771

Other Project

[Hospital Management System](#) 2017

Built with Bootstrap, PHP and MySQL

Education

Bachelor in Computer Engineering
(B.E.)

Mumbai University
(Bharati Vidyapeeth College of Engineering, Navi Mumbai)

7.14 CGPA May 2018

Diploma in Computer Engineering

MSBTE
(SHM Institute of Technology, Ulhasnagar)

82.18% April 2015

SSC

Maharashtra State Board
(RCT's PMM Inner Wheel School, Ambernath)

69.64% April 2012

Miscellaneous

- [Playing Piano](#) (started July 2020)
- Reading non-fiction books (around 10 per year for last 2 years)
- Writing blogposts at ankushchoubey.com