Ankush Choubey

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Skills

Programming languages	Python (*PyTorch; fastai*), Java (*Spring Boot*)
Database	SQL (*Microsoft SQL Server; Oracle*)
Web	Angular (*v6*)
DevOps tools used	Git, Jenkins, Liquibase, Kibana

Experience

Assistant System Engineer **Tata Consultancy Services**, Mumbai *July 2018 – Present*
Client: Sony Pictures Entertainment (USA)

Labor Cost Portal (*From scratch development*) *Full Stack Developer*
- Reduced overall data processing time from 4 hours to 2 minutes compared to the previous method (excel) by designing data pipelines and batch job in SQL Server.
- Created Spring Boot REST API endpoints, Spring Batch job for loading data into application and CRUD operations along with Angular 6 UI using DevExpress.

Commencement & Submission Forms (*From scratch development*) *Backend and Database*
- Creating API endpoint, database CRUD operations and scheduled jobs.
- Oracle SQL script for data migration from old application.

Competitive Release Board & LightBox *Full Stack Developer*
- Speeded up the Angular app substantially, resulting in:
    - Removal of 8 seconds GUI delays saved during every click by optimizing time complexity.
    - Initial website load time reduced from 28 seconds to 3 seconds by performing async CSS & JS loading, reducing size of bundle & images and enabling gzip compression.

Performance Rating (FA)	*Awards Received*	*Development Practices*
4.2 of 5	*Best Team Award*	*Scrum*
	Client's Service Excellence Appreciation (*twice*)	*DevOps* (*CI/CD*)

Web Intern **Episkope Infotech**, Thane *June 2017*
- Mobile version of IoT monitoring tool.
- Tree Menu UI whose elements change based on a configurable XML file.

Courses & Certifications

Coursera deeplearning.ai 5 course certifications *May 2019*   **fast.ai course v3** *June 2019 – Nov 2019*
Datacamp: Intermediate Python for Data Science *2018*   **NPTEL:** Introduction to Machine Learning *2017*
Intermediate R *2018*   Introduction to Data Analytics *2017*

Machine Learning Project & Contest

Hybrid Recommender System *2018*   **Game of Deep Learning** *2019*
5 approaches implemented from scratch + Django website   Image classification challenge on Analytics Vidhya
Academic   *Rank 41 of 441 on private leader board*

Smaller Hobby Projects

Kaggle	*Algorithms Implemented from Scratch*	*Submitted on PyPI repository*
Aerial Cactus Identification *2019*	K–Means Clustering *2018*	pip install dayonewriter *2018*
Image Recognition Challenge	KNN Classification *2018*	pip install whatsapptojson *2018*
Rank 525 of 1225	Bloom Filter *2018*	
		Coding Contest Participations
Classification Malaria Dataset *2019*	*Academic*	halite.io AI Challenge *2017 Rank 342 of 5832*
ResNet34 97% accuracy	Hadoop Group By CSV *2018*	TCS CodeVita Season VI *2017 Rank 2200 of 50,000+*
	Non-python: Hospital Management	TCS CodeVita SuperCoders *2019 Rank 91 of 771*
Digit Recognizer *2019*	System *2017*	
Ensembled LeNet5 96% accuracy		

Education

B. E	Computer Engineering from Bharati Vidyapeeth, Kharghar	**7.14** CGPA	*May 2018*
Diploma	Computer Engineering from SHM Institute of Technology, Ulhasnagar (MSBTE)	**82.18**%	*April 2015*
SSC	Maharashtra State Board	**69.64**%	*April 2012*

Note: The blue links above are clickable