

Megham Garg

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EDUCATION

Bachelor of Technology (B.Tech)

Jaypee University of Information Technology

2016 - 2020

CGPA : 8.7

- Electronics and Communication Engineering

EXPERIENCE

Software Developer

Paxcom ✎

09/2020 - Present

- Automated the manual process of mapping similar products, and competitor products.
- Above feature helped the company onboard new clients.
- **Reduced the time required for mapping the products by up to 80%.**
- Refactored the code for matching planned and live discount offers, resulted in fewer weekly client complaints.

OM/Data Analyst Intern

Amazon

02/2020 - 07/2020

- Lead a team of 48 Associates along with other Area Managers.
- Worked with SQL, statistics, python, and VBA to observe trends in warehouse damage datasets.
- Took actions around them, thus **reducing warehouse damage by 40% in 3 months.**

Software Developer Intern

Oceana Tech ✎

06/2019 - 07/2019

- Lead a team of 15 interns for their chatbot and NLP project.
- Worked on NLP, Django, Python, MongoDB, Pandas, recommendation systems, google charts.

ACHIEVEMENTS

In Top 5% in Hack the Interview APAC V HackerRank contest. ✎

In Top 4% among 60K participants on Kaggle in a real estate price prediction contest by using XGBoost, Gradient Boosting, and LightGBM ensemble ✎

Ranked 1747 among 10k participants in Google Kickstart 2020 ✎

Ranked 9 in JUIT on GFG ✎

SKILLS

C++

Python

Javascript

React

Django

MongoDB

PostgreSQL

Git

Postman

scikit-learn

pandas

numpy

seaborn

matplotlib

PROJECTS

Instrument and vocals separation (10/2019 - 12/2019) ✎

- Instrument and vocals separation from a song.
- Used python on a google colab environment.
- Used spectrograms and ratio mask filters.
- Read and implemented research papers of **audio source separation**, **audio fingerprinting**, **audio segmentation** and **audio classification**.

Ustensiline an Ecommerce Platform (12/2020 - 01/2021) ✎

- Used **Django** for backend, and **React** for the front end.
- This website gives sign-in, signup, cart, user dashboard, and seller panel functionality.
- Integrated with a Braintree payment gateway.

Text Analytics Django Website: (06/2019 - 07/2019) ✎

- Took input from the front end, processed input using nltk and vaderSentiment.
- At the back-end stored results in JSON file along with assigned polarity.
- Presented statistical analysis through google charts in front-end.

Song recommendation Engine (06/2019 - 07/2019) ✎

- Used million song dataset from kaggle.
- Used item-based collaborative filtering and generated recommendations for the user.

CERTIFICATES

Version Control with Git (06/2019 - Present) ✎

Python Data Structures (07/2018 - Present) ✎

HTML, CSS, And Javascript For Web Developers (06/2018 - Present) ✎

THEORY

Data Structures

Algorithms

OS

DBMS

ML

System Design