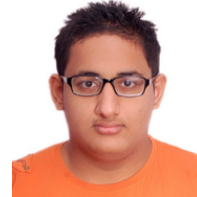


Chaitanya Arora

Software Engineer

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[Linkedin](#) • [Github Portfolio](#) • [Leetcode](#) • [Kaggle](#)



As a Python Developer, I've built and maintained web applications using Django and Flask. I'm an expert in data analysis and machine learning using NumPy, SciPy, TensorFlow, Keras, and Pandas. I've built scalable and robust data processing pipelines using PySpark

WORK EXPERIENCE

Python Developer Graduate Technical Intern

May 2022 – Present

Intel Corporation (Server Emulation Team)

Working on the front end part for the Emulation refsoc design

- Emulation Model bring-up.
- Enabled Trackers and checkers at run time.
- Developed a web application using Django and Flask to automate a manual process.
- Big Data, Data Warehousing, AWS, MySQL, NoSQL
- Tableau, Power BI, Agile methodologies(Kanban board)
- Machine learning libraries and frameworks such as TensorFlow, Keras, and scikit-learn
- RTL Coding, FPGA Design, and Peripheral Validation.

Software Development Senior Associate

August 2020 – December 2021

NTT DATA Services (JSS Team), Noida

Worked as Software Developer in the Apria Healthcare (An e-commerce website for Healthcare products) project.

- Developed and executed medicines webportal in which the input was provided by the client in the SAP FICO tool and a frontend portal was made using HTML, CSS and Angular JS.
- The webapp was deployed on Redhat OCP platform, which was hosted on AWS servers. The backend part was made using the Java and Springboot framework. For query the database we have integrated mySQL and pgadmin Query Tool.
- Used Linux commands to make cluster changes in the Redhat OCP and also for cleaning the OCP Volume disks.
- Used python3 to setup e-mail alerts for new bugs, OCP disk size alert using Graphana and working on security fixes which was found during the security scan using the Kiuwan Security Solutions.
- Setting up the corn-job for the night jobs in the YAML file as per the FICO data updations.

Software Developer

May 2019 – August 2020

Upwork

Worked as Freelancer Software Developer on Upwork and Fiver.

- Used python3 for Web Scraping.
- Providing Technical support as per client's needs.

PROJECT

Built a Deep Learning model using GAN Model for Converting Satellite to Map Images [Project Link](#)

Built a Machine Learning model using Linear regression for predicting Crime Rate Prediction [Project Link](#)

Built a Machine Learning model using KNN for predicting Heart Disease Prediction [Project Link](#)

Plant Disease Detection Webapp [Project Link](#)

EDUCATION

Indian Institute of Information Technology, Pune

Master of Engineering — Machine Learning and Artificial Intelligence

Sep 2021 to May 2023

Amity School of Engineering And Technology, India

Bachelor of Engineering — Computer Science

May 2015 to Nov 2019

SKILLS & OTHER

Data Visualization/Engineering: Tableau (Advanced), Looker (Experienced), Segment, Amplitude

Techniques: Hypothesis Testing, Recommendation Engines, Customer Segmentation Analysis (Advanced), Semiconductors, VLSI, Layout Designs, Layout, PVS(DRC, LVS)

Tools and Frameworks: ElasticSearch, Python (Keras, Scikit-learn), Hadoop, Python, Databases (MySQL, PgAdmin), SQL, AWS, NumPy, Django, Flask, SciPy, TensorFlow, Keras, and Pandas