

Ishan Arora

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SKILLS SUMMARY

- **Languages:** Python, C, JavaScript, SQL, Bash, JAVA, Rust
- **Frameworks:** Scikit, NLTK, SpaCy, TensorFlow, Keras, Django, Flask, Selenium, Cucumber
- **Tools:** Docker, GIT, PostgreSQL, MySQL, SQLite, Maven, TestNg, Junit
- **Platforms:** Linux, Web, Windows, Arduino, Raspberry, AWS, GCP, IBM Cloud, Heroku
- **Soft Skills:** Leadership, Event Management, Writing, Public Speaking, Time Management

EXPERIENCE

- **Epam Systems** Remote
Junior Software Developer (Full-time) Feb 2022 - Present
 - **Agile methodology:** Utilizing crucial design software skills to assist with projects.
 - **Automation Tools:** Learning various Automation tools like Selenium, Cucumber.
 - **Team Sprints:** Working as a productive and positive team member to test, report, and debug operations.
- **Geekster Inc.** Remote
Teaching Assistant (Part-time) May 2022 - Present
 - **Doubt Support:** Continuously solving doubts related to Data Structures and Algorithms, Java, Python and so on.
 - **Tutorial - Data Structures and Algorithms:** Created tutorial for Data Structures and Algorithms in Java.
 - **Impact:** Course has been taken by 250+ students so far with 4.65 average rating.
- **The Sparks Foundation** Remote
Data Science and Business Analyst (Internship) March 2021 - April 2021
 - **Business Analytics:** Doing EDA (Data Analysis) on IMDb dataset to get the most popular movies.
 - **Recommendation System:** Build a recommendation system using non-supervised learning algorithm like k-Means and DBSCAN.

PROJECTS

- **Vision - Covid-19 Detection using X-ray(CNN, Transfer Learning, Streamlit):** Research oriented, open source, Deep Learning application for detection Covid-19 in patients using X-ray. & predict the heatmap around the region of potential swelling. Tech: Python, Streamlit, Google Colab, TensorFlow (October 2021- December 2021)
- **Neural Style Transfer:** AI model which is used to add style such as Picasso to input images using Transfer Learning and custom loss function implemented in PyTorch framework from scratch. Tech: Python, Pytorch, numpy, OpenCV.
- **Online Banking System:** A Java Enterprise Application build using java abstract window toolkit which gives the basic transaction facility to the customers like credit and debit etc. Tech: Java, JDBC, AWT
- **An Quiz App using REST API Django Framework:** A Quiz application build on top of Django REST API where users can play quiz in real time environment. It includes Socket Programming, Client-Server architecture and browser management. Tech: Python, JavaScript, Django, REST
- **Object Detection on AI Dataset using YOLOv3:** A model which is used to identify different objects in images like cars, traffic signals, pedestrians etc. using CNN and Keras from Scratch. Tech: MySQL, HTML, CSS, Python, Tensorflow, keras, XML

EDUCATION

- **Gurukul Kangri University** Haridwar, India
Bachelor of Technology - Computer Science Engineering; CGPA: 8.6 August 2018 - June 2022
Courses: Operating Systems, Data Structures, Analysis Of Algorithms, Artificial Intelligence, Machine Learning, Networking, Databases, Network Analysis, Numerical Methods, Big Data, Computer Architecture, Theory of Automata

EXTRA-CURRICULAR ACTIVITIES

- **You tube** Remote
Content creator - Mentor April 2022 - Present
 - **Mentorship:** I talk about software development, college, and problem solving approaches, motivation on my channel.
 - **Content:** I also post Leetcode daily problem solution video's, interviews with people that are doing some amazing work in the tech community even from a Tier 3 college.
- **Google Developer Student Club** Haridwar, India
Core Team Member August 2019 - July 2020
 - **Description:** As a core team member I was responsible for mentoring 300+ students of my university for building Digital products using Google tech stack.

CERTIFICATES

- **Machine Learning Master Course:** A fully hands on experience course from coding blocks (Mar 2020 - Jan 2021).
- **Deep Learning Specialization:** A project oriented course from Coursera (Aug 2020 - Jan 2021).
- **Core Java(CNO: 19176243-B458-BA4B-36A8-E80235AD454D):** A industry oriented course from Internshala (Jan 2020 - Feb 2020).