

Aryan Jain

<https://aryanjain28.github.io/>

Email : aryanjn807@gmail.com

Mobile : +91-94794-88833

EDUCATION

- **Savitribai Phule Pune University**

Bachelor of Engineering; CGPA: 8.56

Pune, India

July 2017 – August. 2021

EXPERIENCE

- **Josh Software Pvt. Ltd.**

Software Developer / Full-time

Pune, India

January 2021 - Present

- **BidWheelz**

- BidWheelz is a large online platform for car selling, buying and bidding.
- Analyzed and worked closely with the client's requirements, which was a large private sector bank named ICICI. Also suggested improvements for the same.
- Assisted and researched various ways of implementing secure payment gateways for the project.
- Worked with technologies like- ReactJS, ROR, MongoDB and also performed unit testing to improve the project's performance.

- **MyLab (Healthcare client)**

- MyLab is an Indian diagnostic company that develops tests used in human diagnostics and veterinary medicine to obtain reliable results.
- Developed software for India's first fully automated Sample-to-PCR-ready system that eliminates the testing laboratory's vast requirements.
- Personally worked with the requirements of the clients to deliver the best product.
- Worked with technologies like- ReactJS, GO, PostGres and also performed unit testing.

- **Wolffkraft Design Studio.**

Software Developer / Intern

Pune, India

December 2019 - March 2020

- **Litraxo**

- Litraxo is the company's proprietary product designed to help researchers, journalists, and content writers, work collaboratively and write details in a structured format.
- Researched and learned about deployment and hosted the project on AWS's EC2 instance.
- Performed unit testing to improve and check the performance of the project.
- Worked with technologies like- NodeJS, ReactJS and MongoDB to develop software.

PROJECTS

- **Low Resolution Image to Super Resolution using Generative Adversarial Networks (GANs)**

- Studied generative modeling and developed a model that converts the low resolution of an image to super-resolution. Also developed the UI for the project using ReactJs.
- Experimented with various neural network architectures like- EDSR, MDSR, ESRGAN and also studied their research papers.

- **Object Detection using Android**

- Developed an android application that can detect and label objects from a mobile phone's rear camera in real-time.
- Built model using Tensorflow and converted it to TF-Lite for its application in a smartphone.

- **Image Caption Generator**

- Implemented 'merge' architecture technique to build an ML model that can generate captions for the input image.
- Experimented with different parameters of the model to improve the BLEU score of that model.

- **Live location tracing Android App**

- Developed an android application in JAVA that could locate all the online users in real-time.
- Used Google Firebase for databases and authentication and Google Map's API for map visualizations.

TECHNICAL SKILLS

- **Languages:** Python, Java, C++, JavaScript, SQL, CSS, HTML, Object Oriented Programming
- **Databases:** MySQL, MongoDB, SQL Server,
- **Machine Learning:** Scikit-learn, Pandas, Numpy, Keras, Tensorflow, Pytorch, SciPy, NLTK, matplotlib, seaborn
- **Tools and Frameworks:** Flask, Spark, Git, Docker

CERTIFICATES AND EXTRA-CURRICULAR

- Event coordinator and organizer for college tech-fests.
- **Certificate:** DeepLearning.ai - Deep Learning Specialization
- **Certificate:** DeepLearning.ai - Tensorflow Specialization

January 2018 / 2019 / 2020