(+91) 9975226167
Navi-Mumbai, Maharashtra
gharatsnehal.16@gmail.com

Snehal Gharat

Software Developer

GitHub: snaily16
LinkedIn: snehal-gharat

Education

Examination	University	Institute	Year	CPI/%
Post Graduate Specialization:	*Computer Science and Engineering*			*Gold Medalist*
M.Tech	MNIT Jaipur	MNIT Jaipur	2021	8.75
UnderGraduate Specialization:	*Computer Engineering*			
B.Tech	DBATU, Lonere	DBATU, Lonere	2018	8.9
Intermediate/+2	MSBSHSE, Pune	Fr. Agnels, Navi Mumbai	2014	87.08%
Matriculation	MSBSHSE, Pune	I.E.S, JNPV	2012	93.27%

Skills

Tools and Languages	C, C++, Python, Git, Docker, AWS
ML Libraries	PyTorch, Tensorflow, Keras, Numpy, OpenCV
Databases	MySQL, MongoDB
Operating Systems	Linux, Windows Server 2012, Windows 7/8/10

Technical Experience

Software Developer, Associate **Aug 2021 — Present**
Halliburton Development Center *Bangalore, India*

- Analysis of issues logged by end users, business team and working on incidents and severity issues
- Managing customer on-boarding and work space support (Okta, Support Console, AWS Console)
- Python, SQL and Bash scripting to automate the on-boarding process and
- Gained good understanding of AWS Compute, Storage and Networking services (eg. EC2, VPN, ELB, EFS, S3.)

Software Intern **May 2017 — July 2017**
Eklavyaa Summer Internship *IIT Bombay, MH*

- Developed Physics Interactive Animation Creator, an interactive platform to create physics animations with minimal coding.
- Responsible to create physics apparatus using Three.js library.

Major Academic Projects

Face Aging with Style Transfer *(Thesis Project)*
Guide: Dr. Neeta Nain (MNIT Jaipur)

- A project under Khoj Apno Ki | Tracing Missing Children, sponsored by Meity, Govt. of India
- Proposed a method to synthesize images with age progression and rejuvenation effects based on given target style.
- Studied various papers on face aging methods using Generative Adversarial Networks.
- Trained models using *PyTorch* and made comparative studies with baseline models.

Text Summarizer
Flask, Numpy, NLTK

- Developed a web app to generate a short summary of textual input using Extractive algorithms.
- Studied and implemented three different text extractive algorithms.

Content Based Image Retrieval
OpenCV, Tensorflow, Flask, MongoDB

- Created a web app to retrieve images from database similar to the image query (Query-by-image), based on color, texture and shape.

Realtime Digit Recognizer
OpenCV, Keras

- Created an application to recognize handwritten digit drawn by tracking the movement of an object.

Photo Filters App
OpenCV, Tkinter

- Built a desktop app to capture photos which can detect faces and apply different face filters.

Certified Courses

Deep Learning Specialization - DeepLearning.AI, Coursera
Mathematics for Machine Learning - Imperial College London, Coursera
Docker & Kubernetes: The Practical Guide [2022 Edition] - Udemy