Manan Rajesh Gandhi

Boston, MA | (954) -310-7438

gandhi.manan@northeastern.edu | linkedin.com/in/mananrg | github.com/mananrg

Experienced Python Developer, proficient in Application Development, Natural Language Processing and Computer Vision looking to contribute in Mobile Application Development and Software Development Roles.

Education

Master of Science, Information Systems	Expected May 2024
Northeastern University	Boston, Massachusetts

Relevant Courses - Application of Engineering Development, DMDD, Data Structures, Data Science

Bachelor of Engineering, Electronics and Telecommunication	September 2020
University of Mumbai	Mumbai, India

Relevant Courses - Image Processing, SQL

Technical Skills

Languages: Python, Dart, Flutter, SQL, Java, JavaScript, C, C++ HTML/CSS3

Technologies: Computer Vision, Natural Language Processing, Mobile Application, Linux, Web Development, Machine Learning, Deep Learning

Toolkits: Git/GitHub, Visual Studio Code, IntelliJ IDEA, Android Studio, PyCharm, Google Colab

Certifications: Python Nanodegree [Udacity] [https://confirm.udacity.com/PKRGK7DH]
Machine Learning Nanodegree [Udacity] [https://confirm.udacity.com/VRAQ7TAD]
Computer Vision (Udemy), Flask (Udemy), TensorFlow (Udemy), Flutter (Udemy)

Frameworks: OpenCV, Django, Flask, Java Swing, Spacy, NLTK, Keras, Tensorflow, Tableau, PowerBI, TFLite

Projects

ChatGPT Android Application *[Tools- Flutter, Dart, Firebase, Android Studio, ChatGPT]*
- Designed and developed an android based full stack mobile application powered by ChatGPT with end to end interface in two days.
- Supported the entire application lifecycle (concept, design, test, release, and support).
- Wrote clean, maintainable and tested code.

Automobile Application *[Tools- Flutter, Dart, Firebase, Android Studio, IntelliJ]*
- Developed and designed a full-stack e-commerce application for android for selling automobiles
- Worked on Firebase Integration, OTP verification, and other features

Self-Driving Car *[Tools-Computer Vision, C++, Keras, RaspberryPi, and Arduino]*
- Built a self-driving bot from scratch that successfully navigated itself through the tracks and using deep learning was also able to detect pedestrians and other road signs and other vehicles
- Applied OpenCV for track detection and other vision-based navigations

Experience

TechShiksha Labs (Witblox), Python Developer and Class Lead, Navi Mumbai   January 2021 - August 2022
[Tools- Youtube, Python, AI, Arduino, RaspberryPi, and Witblox]
- Designed and created a computer vision-based application that can be used to train and classify objects using KNN and can display the outcome with the help of firebase on the Witblox AI Vision Blox
- Wrote a book for Class 10 on Applications of Artificial Intelligence, and Python under Witblox (to be published), and have also designed the curriculum for other grades also handled and designed the entire operations for classes in B2B and B2C for subjects in A.I, Python, and Robotics

TechnoDuct, Deep Learning Engineer and Python Developer, Mumbai   August 2020 - December 2020
[Tools- NLTK, Spacy, Numpy, OpenCV, Flask, BeautifulSoup, Pandas, Dash, and Plotly]
- Developed script for scraping user data in the form of text and images from social media using BeautifulSoup, Regex, and Spyder in Python, reduced the scraping and processing time by up to 60% by using multithreading and multiprocessing
- Automated the process of creating Dashboards from Tableau to Dash-Plotly in Python
- Worked on various Computer vision and NLP algorithms and APIs like Google Cloud Vision API and more