

Smit Sheth *Software Engineer | Machine Learning*

📞 9511689475

✉️ smit.sheth7@gmail.com

📍 01, Sadguru Apts, 411043 Pune, India

in <https://www.linkedin.com/in/smit-sheth-76a71313a/>

About

A focused professional working at Vasundharaa Geo Technologies as Computer Vision Intern with 1 plus years of experience in Machine Learning. I am working towards specializing in Machine learning by completing Post Graduation in AI & ML. I am looking to contribute my skills to the team and be resourceful with new ideas and solutions.

Professional Experience

Computer Vision Intern

04/2022 – 07/2022

Vasundharaa Geo Technologies 

Pune

- Understood the Architecture and Worked on Object Detection of satellite images using deep learning networks like **HRNET and RESNET**.
- Optimized the workflow of machine learning models which **reduced the runtime by 5%**.
- Developed a pipeline from scratch to calculate the metrics of model.
- Researched and Worked on several **Ensemble techniques like Faster RCNN which is based on PyTorch**.

Android Developer

05/2020 – 03/2021

SeventhElement - Self-Employed

Pune

- Self Designed and built various end-to-end Android Applications.
- **Integrated Machine Learning** with Android Apps.
- Used **Amazon AWS** as server for chat application.
- Worked on bug fixing and improving application performance.
- Achieved **5 million plus installs** on Play Store using ASO skills.
- Gained profit of **rupees 3 million plus** within a year.
- Completed 6 plus Android projects with high level of user satisfaction.

Education

Post Graduation Diploma in AI&ML

08/2021 – present

MIT - World Peace University -- GPA : 10

Pune

Gained in-depth knowledge of Artificial Neural Network, Artificial Intelligence, Machine Learning, Natural Language Processing, Statistics, etc.
Completed various projects related to Deep Learning, Pre-Trained Neural Networks based on Classification and Regression.

BTech in Information Technology

08/2017 – 08/2021

Dr. Babasaheb Ambedkar Technological University

Lonere

Certificates

Machine Learning A-Z [↗](#)

Udemy

Computer Vision [↗](#)

Infosys

Machine Learning Implementation on Google Cloud Platform

SkillSoft

Introduction To Deep Learning

Infosys

Android Java Developer [↗](#)

Udemy

IOT

Technocscripts

Skills

- Python
- JAVA
- Android Development
- Computer Vision
- MYSQL
- Machine Learning
- HTML & CSS

Projects

Satellite Objects Detection and Classification

04/2022 – 07/2022

Worked with a cross-functional team of 6 to create a fully functional Satellite Object Detection and Classification project.

Coordinated with team members in various parts of project like Image Pre-Processing, Training, Testing and Evaluation.

Stock Market Price Prediction - Android App backed by ML [↗](#)

01/2021 – 12/2021

A full-fledged Android Application designed to predict the stock market trend using time series neural network like LSTM for Regression.

The project was developed using Java, Python, Flask, XML and many other ML libraries like TensorFlow and Scikit Learn.

The web version of this application is deployed on Heroku and can be accessed by anyone.

Artificial Neural Network using Back Propagation

12/2021 – 01/2022

Developed a simple Artificial Neural Network from scratch using Python which was trained on random set of numbers and error was back propagated to predict the addition of two numbers with an accuracy of 95%.

Skin Cancer Detection

02/2022 – 03/2022

A project based on Convolutional Neural Network backed by Python. Provided the microscopic images of skin disease I was able to determine it as Benign or Malignant. ML libraries like Tensorflow, Keras, Sklearn and OpenCV were used.

Interests

- Artificial Intelligence
- Cyber Security
- Montaineering
- Software Development
- Android Development
- Karate