

Param Bhavsar

Contact: (+91) 9422456087
bhavsarparam087@gmail.com
Github : [param087](#)
LinkedIn : [Param Bhavsar](#)
Kaggle : [Param](#)

EXPERIENCE

HSBC — Software Engineer

July 2019 - Present

TensorFlow (Google) — Student Developer (Google Summer of Code'19)

April 2019 - September 2019

Developed and documented a state of the art machine learning library in Swift under the Swift for TensorFlow project.

BMC Software, Pune — Project Intern

October 2018 - May 2019

Designed and developed a blockchain-based solution for transparent multi-organization audit and compliance using Hyperledger Fabric framework.

EDUCATION

Pune Institute Of Computer Technology, Pune (India) .

July 2015 - July 2019

B. E. (Computer Engineering)

CGPA - 9.21/10.0

PROJECTS

Autonomous Ephemeris Predictions By Navigation Receivers - Smart India Hackathon, ISRO

- Developed an intelligent prediction system, using 'Forecasting at Scale' model in Python, that estimates the current and future ephemeris of communication satellites using historic receiver ephemerides data with an error rate of about 7-12% and precision of around 3 km.

Real-Time Video To Audio Converting AI Assistant

- Developed an android application for blind people to visualize the surrounding in a medium of audio.
- Implement utilizing TensorFlow, TensorFlow lite, Text To Speech API and Dialogflow.

SKILLS

Programming and Scripting Languages:

C, C++, Java, Python, Swift, Javascript, Go, Solidity, HTML, CSS

HANDS ON TOOLS AND FRAMEWORKS :

Google Cloud Platform, Git, GitHub, Docker, TensorFlow, Swift For TensorFlow, Keras, PyTorch, Pandas, Numpy, Scikit-learn, Travis-CI, Truffle, ReactJs, Hyperledger Fabric, NodeJs, Flask, JSP, Android Studio, Bootstrap, Firebase,

ACHIEVEMENTS

Finalist in Smart India Hackathon 2019 for ISRO.

Ranked 4th on Kaggle leaderboard in Google India Hackathon 2018 ML track.

Ranked 7th in Smart India Hackathon 2018 (Bhopal, India).

Awarded with INSPIRE scholarship by the central government, India.

Among the top 1% in HSC Board Examination.

Artistic Image Generation Using Generative Adversarial Networks (GAN)

- Developed a deep learning model in Python to generate domain-specific high feature images using TensorFlow.
- As a result, the model is able to understand complex features and generate images to fool a discriminator to differentiate between original and fake images.

LANGUAGES

English, Marathi, Hindi

E-commerce Android Mobile Application

- Developed a realtime e-commerce android application having the feature to order, track, and online/offline payment of products.
- Implement utilizing Firebase real-time database, Instamojo payment gateway, and PHP server to handle payments.

Self-Driving Car In Unity Virtual Environment

- Developed a self-driving car in a Unity virtual game environment.
- Implement utilizing TensorFlow, Python and Flask.

Property Management Application On Ethereum Blockchain

- Developed a real estate management application on the Ethereum blockchain.
- Implement utilizing Solidity, NodeJs, and MetaMask.