Shreyank Karjigi

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***EDUCATION***

**Ramrao Adik Institute of Technology, Mumbai University Mumbai, India**

* **Bachelors In Engineering in Information Technology (6.95 CGPA / 65.31%) Aug. 2016 – July 2021**
* **Currently pursuing Advanced Certification in Software Engineering for Cloud, Blockchain & IoT from IIT Madaras through Great Learning (2021-22)**
* **12th CBSE,2016 60%**
* **10th CBSE,2014 70%**

***EXPERIENCE***

**Reliance Industries Limited, Ghansoli, Navi Mumbai (Intern) Dec 2018-July 2019**

**Reliance Jio Ltd. (Intern) Dec. 2018-Apr. 2019**

* + Researched & developed project on **Blockchain Technology** that digitized general voting processes using **Ethereum network** and concept of **DAPP** (Decentralized Application) Entire project was developed as a web application which also generated plots for Psephology studies.

**Technologies used:** Blockchain Technology, Ethereum, Truffle Framework, HTML5 & CSS3.

## Reliance E&P(Intern) May 2019-June-2019

* + Worked with **data analytics** & live data to predict hydraulic leakages in underwater pipelines. It Involved generating graphs & plots from data using **R programming.**

**Technologies used:** R programming, Anaconda & Jupiter notebook.

## Reliance IT(Intern) June 2019-July 2019

* Learnt basics of Android Development and developed a basic application demonstrating fetching data using **HTTP requests** and

**JSON parsing** & displaying them using **RecylerView.**

**Technologies used:** Android studio, API calls, UI development, Asynctasks &Java.

***ACADEMIC PROJECTS***

**System for appropriation & Management of vehicular spare parts (FLASK Ecommerce webapp)**

* Developing a system where vehicular spare partscan be sold & purchased easily specially in Indian market. System is being developed as a fully responsive **Ecommerce web application** on **python flask framework.**
* Project integrated **Stripe API** for payments
* For database, **PostgreSQL** is being used along with **Scalingo** for deployment.

**Technologies used:** Python, Flask, HTML5, CSS3, JS, Git, Scalingo, SqlAlchemy, Twilio, Google dialogflow engine & Heroku, Stripe.

## WhatsApp Integrated Chatbot for Covid-19 Pandemic

* Developed WhatsApp integrated **chatbot** that helped people in covid-19 pandemic by providing information like facts, myths, finding nearby hospitals/testing centers etc.
* Chatbot included symptom diagnosing algorithmthat takes user symptom and matches it with those of viral & covid and suggests appropriate measure to users.

**Technologies used:** Twilio, Google dialogflow engine, python 3, Git & Heroku.

## Project Astra

* + Project Astra is a space-oriented website built on python flask framework that uses NASA API & ISS API to get photos from mars rover and also track live location of international space station.
  + Main goal was to work with API and make website fully responsive to various screen sizes.
  + **Technologies used:** API handling, HTML5, CSS3, FLASK, Bootstrap, Flexbox, JS.

## Invoice generator

* + Built a ground up invoice generator for a company to automate their bill generation system.
  + **Technologies used:** HTML5, CSS3, FLASK, Bootstrap, Flexbox, Pypdf.

## Web Builder projects

## 1.Millenium clinic

* + Developed a website on WIX for a clinic, main aim of website was to showcase the clinic along with feature to have online booking and video consultation.

# SKILLS

* Programming Languages & Databases: **Python (Core), JS(Foundation) SQL, MySQL, Postgres, Basic DS,SOLID Design Principles.**
* Web technologies:
* **Front End:** HTML, CSS, JS, Bootstrap, Mobile responsive designing**.**
* **Backend:** Python Flask Framework, NodeJS (Beginner).
* **Version Control & Deployment**: Git, GitHub, Heroku, Scalingo.

# Paper and Copyrights

* Pre-print on **WhatsApp integrated chatbot**, published on **ResearchGate**.
* Pre-print on **Voting using blockchain technology**, published on **ResearchGate**
* IEEE paper on **System for appropriation & Management of vehicular spare parts.**

# Courses & Certification

1.Python 3 master course, Code with Mosh Hamedani.

2.Python 3 basics: Hackerrank certified.

3.Master JavaScript by Mosh Hamedani.

# Extra-Curricular Activities

* + Dance music production.