SHUBHAM SINGH

Programmer, Hacking Enthusiast & An Overall Geek

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in shubham-s-576815b0   📍 Gandhinagar, GJ

EXPERIENCE

Full Stack Web Developer
DGT Study (Freelance)

📅 Nov 2018 – Feb 2019   📍 Mumbai, MH

- Created a web app for conducting tests and managing student records, for a competitive exam coaching center.
- Provided test interface as per the standards of respective competitive exams
- Track all the student records and help the faculties to provide meaningful feedback to the students.

Tools: django | google-oauth | Vue js | MySQL | aws

PROJECTS

Web Application With Codechef REST API
codechef.com

📅 Sept 2018-Oct 2018

- Developed a Web app with Oauth2 based REST API of Codechef, a competitive programming website
- The web app is works as a recommendation engine that consumes the REST API and recommends new questions to the user according to their previously solved problems on the platform.
- Recommendation of new questions is done with the help of a K-means clustering which works as a tag-based recommendation model
- The web app also uses an asynchronous task queue to update all the required user tokens and data related to the user

Tools: django | python-celery | redis | scikit learn | alibaba-ECS

Fake News Verification System
Individual

📅 Feb 2019 - Apr 2019

- A NLP model trained on 42k data points, for classifying the authenticity of any given news article
- The model is utilized by a web app which asynchronously scrapes related news article data using News API
- Provided an overall accuracy of 53% on previously unseen and untrained data

Tools: python-nltk | Floyd hub | python-asyncio | Keras

WhatsApp Automation
Freelance

📅 Sept 2019 - Oct 2019

- Automate the process of sending daily timetables to users
- Custom Built WhatsApp authentication and "send message" services
- Custom parser for generating messages as per client specification

Tools: Go | Automation | Web

ABOUT ME

Computer Engineering Undergrad, Programmer and hacking enthusiast. Have a yearning interest in learning about computers and software's.

CERTIFICATIONS

📓 **Blockchain Basics (Oct 2019)**
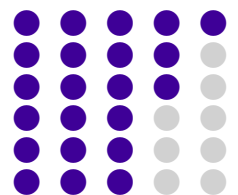Fundamentals of blockchains and cryptocurrency

📓 **Smart Contracts (Nov 2019)**
Creating solidity scripts for automating transaction logic on ethereum blockchain

📓 **Architecting with Google Compute Engine (Jan 2020)**
Building and deploying applications using Google Compute engine services

📓 **Scaling and Automation with GCP (Feb 2020)**
Performing and automating platform scaling using Google Cloud platform technologies

LANGUAGES & TOOLS

Python	●●●●●
Node Js	●●●●○
Golang	●●●●○
Java	●●●○○
Solidity	●●●○○
SQL	●●●○○

Django | Django-restframework | Vue js
Git | Golang Gorilla | Smart Contracts
Express | redis | Docker

EDUCATION

BE, COMPUTER ENGINEERING
SOCET GTU (5th Semester Percentile : 9.00)

📅 Aug 2017 – Ongoing

12th HSC PCM
K.V NO.1 Gandhinagar (79 %)