**NAME : Gowtham.K**

**Primary Mobile Number :**+91 7904011817

**Secondary Mobile Number** :+91 9345466737

**Email :**gowthamraguvaran@gmail.com

OBJECTIVE

To obtain a position in an organisation that will enable me to use my skills, educational background,innovative ideas and ability to work well with people.

ACADEMIC PROFILE

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **DEGREE**  **/COURSE** | **INSTITUTE** | **BOARD** | **Aggregate %** | **Year of Passing** |
| B.E (CSE) | Adhiyamman college of engineering | Anna University | 71% | 2018 |
| H.S.C | Jawahar matriculation higher secondary school | State Board | 75% | 2014 |
| S.S.L.C | RR Cambridge matriculation higher secondary school | State Board | 89% | 2012 |

**Programming languages**

* **Python**
* **Java**
* **HTML & CSS**
* **Java script**
* **Type Script**
* **MYSQL and PL/SQL(ORACLE)**
* **Amazon AWS**

**Framework**

* **Angular**
* **Ionic**
* **Django**
* **Nodejs**
* **Mangodb**
* **Expressjs**
* **Sql server**
* **Mysql**

**Authentications**

* **Login and Register with JWT token authentication**
* **Oauth**
* **Socialauth**
* **Oauth2**
* **JWT authentication with secret key**
* **Firebase**
* **Machine learning and Deep learning**

**Skill Set**

* **Android development**
* **Web development**
* **Hybrid mobile application**
* **Tensorflow and Keras**
* **Angular 11+ and Postman tool for api checking**

**Course**

* **Hybrid Mobile application with backend api with nodejs and django**
* **Machine learning and Deep learning course on Udemy (Online platform for training)**
* **Android Development**
* **Web Development**
* **Python Boot camp**
* **Tensorflow**
* **Keras**
* **Angular and Django Full stack developer**
* **Ethical Hacking**
* **Ionic with angular Full stack developer**

**College Project**

* **Mini project - Android Gear Box (Android Template)**

**Templates for making android app**

**Front end - Html and Java script**

**Back end – PHP and SQL**

* **Main project – Speech Enhancement Generative adverse network(Deep learning)**

**Filter voice using Artificial intelligent Using Deep Learning Technique(Python)**

* **One month internship regarding AI in Nandha infotech Technologies(Coimbatore)**

**INTERNSHIP**

* **Deep Dream(Gradient Update with Image)**
* **Neural Style Transfer (Style Loss and Content loss to minimize loss for gradient)**
* **Machine Translation (Language Translator with LSTM)**
* **Image Captioning(convert Images into Stories)**
* **Android development internship in friendzion technologies (Hosur)**
* **Machine learning and Deep learning internship on simple analytics Duration One Month(Chennai)**

**Experience**

**Data science Projects:**

* **Optical character Recognition (Extract Printed Text and Handwritten text from Images for uniforn Data entry Company using Tesseract Engine and AI model)**
* **CNN(Convolution Neural Network) and RNN(Recurrent Neural Network) for Building the Optical Character Recognition**
* **Chatbot (For Company Portal using SQL and SeqtoSeq model )**
* **SeqtoSeq model with RNN for Build the Chatbot**
* **Face Recognition(Encryption and Decryption)**
* **2 month Django(MySQL) with Machine Learning model implementation**
* **PL/SQL (Data Engineering part) as well as Smart Queries(hypothesis Tuning)**
* **Rating Analysis on Customer Report using the (sklearn and H20),Pandas ,Matplotlib,Numpy and Seaborn(sentiment analysis model still in live on share point)**
* **Random Forest Classifier**
* **GB Boosting Algorithm(Gradient Boosting )**
* **Smart Queries model Built with NLP (bag of words)**
* **Stemming**
* **Word Tokenizer**
* **Word Embedding**
* **RNN(Recurrent Neural Network)**
* **RNN(Tensorflow) model Build with**
* **0.2(dropout Layer1) ,0.5(dropout layer2) and 0.5 (dropout layer3)**
* **Avoid over fitting with L1 Regularization and L2 Regularization**
* **LSTM on three Layer with activation function (relu on layer1,Softmax on layer2 and sigmoid on layer3)**
* **VGG16 model(Transfer Learning) to find color of building whether building is old or new for Insurance Premium Prediction**
* **API builded with django that will be in server (amazon aws)then using post get put method then retrieving then modifying data then angular will act on the front end**

**Full stack Develepoer projects:**

* **API build using ASP.net ,django,flask and node js then tested api using postman**
* **Frontend is jquery, bootstrap, mediaquery and html (Css) their angular and ionic framework**
* **Token authentication in http header did in ionic as well as angular**
* **Ionic and angular used as frontend then Asp.net ,django,flask,nodejs as backend**
* **Hosted website or api using apache and iss server**
* **Used post,get ,put,delete ,paatch method from api**
* **Sql table join with api while inserting value in ionic or angular it will hit api store in database**
* **Webrtc is used for chat and video call then asterick server is used**
* **Front end**
* **Database used is oracle,mysql,sqlserver,mangodb**
* **JWT token authentication**
* **Postman for testing api with token authentication**
* **Apache ,iis server and wsgi hosted application so far**

**Amazon aws**

* **Domain is mapped using amazon route**
* **Ec2 instance with their elastic ip and load balancer**
* **Hosted my code in amazon aws server with firewall**
* **Then dockerized builded application**

**Ethical Hacking :**

* **Owasp top 10 Security**
* **Reverse shell binding**
* **Reverse TCP**
* **Metasploit**
* **Making payload with msfvenom**
* **Giving best security**
* **Burb suit for testing vulnerable**
* **Searching subdomain in domain with sublistr**
* **Backdoor with metasploit**
* **Searchsploit for finding metasploit hacking tool for ip**

**PERSONAL DETAILS**

Date of Birth : 05-11-1996

Marital status : Single

Nationality : Indian

Languages : Tamil& English

Communication Address : 35,3rd Street ,Pazhamalai Nathar Nagar

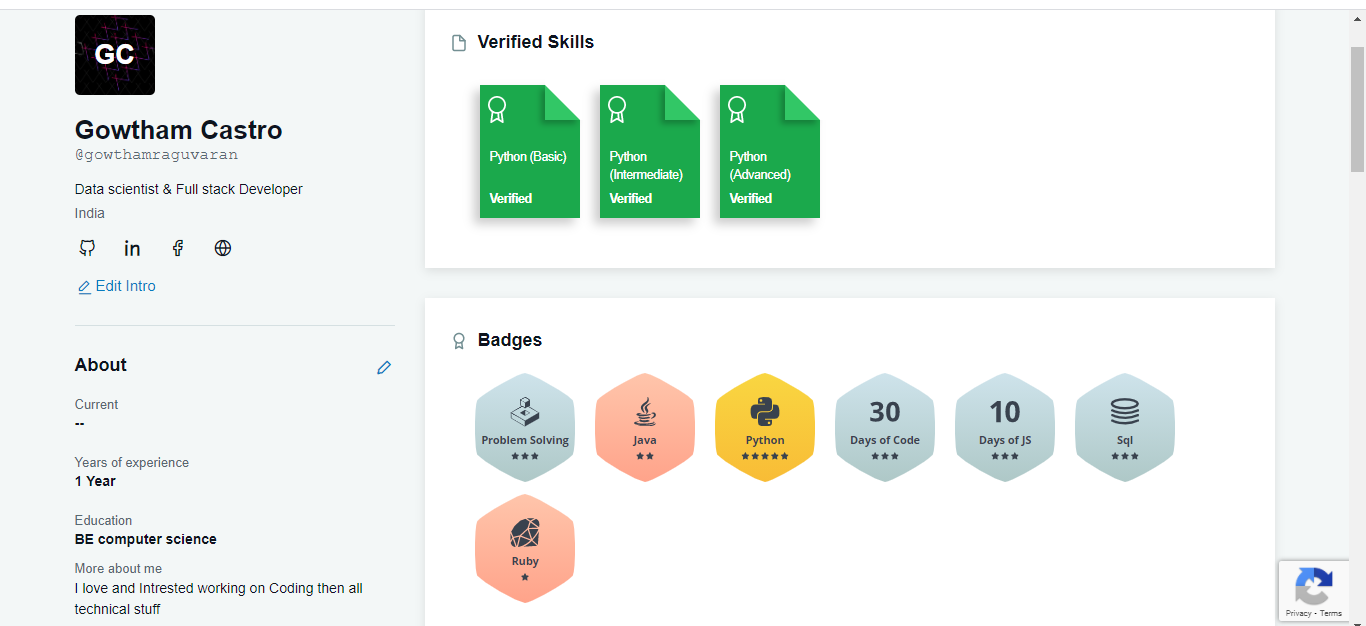
Vridhachalam,Cuddalore(D.T)

**DECLARATION**

I hereby declare that, the above information furnished by me is correct up to my knowledge and I bear the responsibility for the correctness of the above mentioned particulars.

Place: Chennai SIGNATURE

Date: **(K.Gowtham)**

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