




Himalaya Mandal


DATE OF BIRTH:
05/04/1995


CONTACT

Nationality: Indian

Gender: Male

 vill. pathardihi , p.o.:
hatirampur, dist.: bankura,
null
722121 Bankura, India

 himalayamandalcse@gmail.com

 (+91) 8436776454

LinkedIn: [www.linkedin.com/
in/himalaya-mandal](https://www.linkedin.com/in/himalaya-mandal)

Skype: himalayamandal@outlook.com

ABOUT ME

A software engineer who loves coding. Challenges always excite me and push me towards learning new things, I thrive to achieve expertise in what I'm good at. I'm also always keen towards learning new things in the field of technology, implementing ideas and build stuffs.

WORK EXPERIENCE

05/09/2018 – 22/04/2019 – Kolkata, India

Python analyst

Indian Cyber Security Solution Pvt Ltd

I was part of the R&D team. I am responsible was to work with different kind of security product. I mostly used python.

03/06/2019 – 31/01/2020 – Kolkata, India

Software developer

Eclipse Technoconsulting Solution Pvt. Ltd.

Here i was python backend developer. Here i was responsible to work closely with clients and fulfill their requirement.

08/02/2020 – 09/08/2020 – kolkata

Nlp Developer

Wse Games

Here i was responsible to build a recommendation system for their product. Where user get recommend blogs and posts according their search history, posting on that platform. Here also i have to scrape 200 website to get blog data.

06/10/2020 – CURRENT – Pune, India

Lead Software engineer

Homzhub advisor pvt ltd

Here i was responsible to build a recommendation system for their product. Where user get recommend real estate property details according their search history on that platform. Also I have to lead a team of 7 members who are managing and working on crm and migrations of the product.

/ Real estate activities

EDUCATION AND TRAINING

18/08/2014 – 18/08/2018 – 157/F nilganja road , sode pur, panihati kolkata, kolkata, India

B.tech

Guru Nanak Institute Of Technology

<http://gnit.ac.in/>

01/05/2017 – 31/10/2017 – Main Gate Rd, IIT Area, Powai, Mumbai, Maharashtra, Mumbai, India

Cirtified C programer

IIT mumbai

01/09/2018 – 31/12/2018 – Globsyn Crystals Building, 5th floor Unit 4, Salt Lake Sector V, EP Block, Electronics Complex, kolkata, India

Certified cyber security expert

Indian cyber security solution

LANGUAGE SKILLS

MOTHER TONGUE(S): Bengali

OTHER LANGUAGE(S):

Hindi

Listening
C2

Reading
C2

**Spoken
production**
C2

**Spoken
interaction**
C2

Writing
C2

English

Listening
C2

Reading
C2

**Spoken
production**
C2

**Spoken
interaction**
C2

Writing
C2

DIGITAL SKILLS

Programinng language and framwork

PYTHON
DjangoFramework
Django REST
Apache Airflow

Data science

Python libraries (NumPy, Pandas, Keras, SciKit-Learn,
TensorFlow, Matplotlib,Seaborn)
NLP
Machine Learning
Tensorflow, Keras, PyTorch
Data Science
Data Analytics,Visualization & Engineering

DataBase

MYSQL
Postgresql
MongoDB

Web service

aws(ec2,s3,sqs,sns,rds,Lambda)

Version control and team management

GIT (GitHub,Bitbuckety)
Agile methodology:
Scrum

Os and Tools

Visual Studio Visual
Studio Code
Linux
Ananconda (Spyder, Jupyter Notebook)

PROJECTS

01/06/2017 – 31/07/2017

Mt -5 cars data analysis using r language

Calculate the regression model of mt-5 cars. There is a data set of mt-5 cars. I have to find out the regression model of that. At initial level I faced problem

of null value. But I overcome it by filling those values.

01/12/2017 – 30/06/2018

Big bazar future sells prediction according to past sells data using Python

predict clusters of customers by store location. knowing the set of customers that

behave evenly will help them target their product promotions accordingly. In this project data wrangling is the main problem. There is too much error in the data. But after filling the data in particular way I am able to solve the problem. Next problem was the predicting. I have been used pca over gmm and kmeans algorithm to solve the problem.

01/01/2018 – 26/05/2019

Website vulnerability scanner using python

It will scan a website and find out those vulnerabilities which can affect security of that website. At first, we have to bypass the load balancer of a website. So, I have to use change user agent randomly. I used various type of payload to detect those vulnerabilities.

01/11/2018 – 31/12/2018

Mail spoofing

By using this, anyone can send mail using any type of mail id. For this project I used a server to send those mail. Still, it going to send all mail into spam. So I used google api to Make those mail accepted by Gmail and other email service.

06/06/2019 – 05/10/2019

StartWrite India

<https://www.startwriteindia.com/>

It's a desktop software where kids can learn to write "a,b,c,d" which is made using

tkinter and matplotlib as main component. There every letter is dynamic graph using matplotlib.

Recommendation System

<https://wenaturalists.com/>

Here I have to build a system where it will recommend user according to their search

History, according to their post, comment, hashtags etc etc. Here I have built a total word relation Mapping. There I am scraping total 110 websites for latest news update and saving that news in S3, and later showing those news using the recommendation system according to user interest. All of recommendation return back to user using api endpoint.

14/08/2019 – 21/12/2019

Arcturus cryptocurrency

Creating a completely new cryptocurrency called arcturus. Developing the website and The Coin from scrape was my responsibility. I used ethereum ico base to create this coin.

01/07/2020 – 31/08/2020

Extract, Convert, Rewrite on Image which contain Text.

ere I have to build a system where it will Extract the text from image, Translating the

Text into other language, rewrite on the image. I am using yolo algorithm with cnn to detect the Text, Google translate api for translate the text, Image In-painting.

01/03/2019 – 07/11/2019

ICMP Smurf attack detection using neral network.

https://github.com/xhimalaya/ICMP_smurf_attack_detection.git

It's a server side tool. It's can work in real time and also can analysis server log file to identify icmp smurf attack. It's totally made in python with help of keras and tesorflow. I have been created 6 neurons and the accuracy was approx 92% where for this same random forest algorithm was returned accuracy of 78% with 10000 n_jobs and 1000 nodes with lot more time complexity.

01/03/2019 – 13/11/2019

TELEGRAM CHAT DUMP WITHOUT AUTHENTICATION

https://github.com/xhimalaya/telegram_chat_dump.git

It's a python tool which can download telegram chats only using phone number without any authentication. I used telethon package and server authentication bypass method which solved the problem of otp login. I am not shearing the otp bypass due privacy issue. Here is the main code but one component I am not shearing.

03/04/2019 – 31/10/2019

Bezier Curve Algorithm

<https://github.com/xhimalaya/brezier.git>

It's a Python package which is update by me from previous bezier algorithm package. I have been implanted linear interpolation method on the previous algorithm. Now this package will return points and axes plot as per your requirement. It can ignore some angle like you don't want a curve

under 30 degrees. I implanted Instartwrite which project I have mentioned before.

CONFERENCES AND SEMINARS

12/01/2019

[IIT kharagpur](#)

Speech on NLP at IIT kharagpur.