Himanshu Balasamanta

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Objectives

Experience

Open source developer @GSoC
Eclipse

Increased the flexibility and utility of the Widget library (SWT) used by the IDE to support paint features. Advertised the changes made in the by implementing them in Pie Charts in SWTChart repository. Doubled the number of dependant repositories on SWTChart. Handled requests of dependant Libraries. Technologies used :- Java, Jakarta, SWT, Maven.

Key Skills

Django	Problem solving	Neural networks and
React	through DSA	Deep Learning

Qualifications

BTech Electrical Engineering
IIT BHU
7/2018 - Present

Projects

Prastuti (Department fest Web App)
www.electricalfest.in
2/2016 - 2/2018

Took Initiative of the Web App work that was postponed for 3 months and completed it in less than 3 weeks. Lead the team of 4 Backend Developers, and primarily designed the backend of the app. Project hosted on heroku. Used simple Django Templates in frontend, let the juniors design the pages. Team formation was implemented through request sending. Completed all in 0 cost.

Exam Seat Allocation
3/2021 - Present

Examiners can set up examinations, students can register for them. Examiners can choose centres before or after student registers. Centre allocation objective is minimisation of squared distances and is done using

K-means Algorithm (An Unsupervised Learning algorithm) In Process: Frontend, using stats and creating an MVP

Great Indian Subway

4/2021 - Present

A complete app for handling a resturant, along with a recommendation and advertisement system. Allocations of counters after billing and Token generation. Keep record of purchases and time of purchase, predicts the demand in advance to manage resources. Technologies used: Django

Movie Search app

www.moviesearch.tech

3/2021 - 3/2021

Nodejs based app. Used OMDB API for fetching data. Hosted on AWS

Interests

| Python based Web Development (Django) | Machine learning specially Deep Learning | Frontend development through React |

Achievements

NTSE

NCERT

5/2016

National Talent Search scholar. Selected in top 750 students of the General category in the country

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Languages

English   Hindi

Personal Information

Date Of Birth: 21/9/2000
CNIC: 410206
Nationality: Mumbai, India

Marital Status: Single
Address: Flat number 404, Hiralakshmi Heights

References

Request On Demand