Jayash Satolia

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EDUCATION

IIT BHU VARANASI, IN
Bachelors of Technology
May 2023 | Varanasi, IN
Major: Mining Engineering
Cum. GPA: 8.25 / 10

SKILLS

TECHNICAL SKILLS
Algorithms • Data Structures • Python3
Java • Django3 • Flutter • PostgreSQL
Git • HTML5 • CSS3 • Linux

SOFT SKILLS
Bilingual Communicator (English & Hindi)
Leader • Mentor • Motivated • Flexible

EXPERIENCE

IIT BHU CHESS CLUB
Mentor & Tutor
- Mentored 12 Freshers group in IIT BHU Chess Club.
- Guided them on How to think on Chess Board.
- Taught some Middle Game Theories because they are not covered in Books.
- Gave them Idea on how to read and understand Opening and EndGame Theories from Book.

INDUCTION PROGRAM 2020
Mentor
- Mentored 20 Freshers Group in Student Counselling Service.
- Helped Freshers to get fit in College's environment and to connect them altogether in Online Education System.

HOBBIES

Chess • Music • Badminton
Chatting

TECHNICAL PROJECTS

CODE COMPETITION PLATFORM | API
May 2021 | Rajasthan, IN
- Developed an Application Programming Interface from Scratch that allows programmers to compete on Algorithmic Problems in real time while having Video Chatting (Fun way to practice Coding).
- Included Unit Testing for multiple patches of code to increase the test coverage of Backend API.
- Implemented Token Authentication to Authenticate user login and signup.
- Implemented Additional Features such as Email Verification System to verify new user's email.
- Utilized Webrtc and ExpressJS to add Video Chatting Feature.
- Hosted Complete API on Heroku Cloud Service.
- Exposure : Python 3 | Django | Postgresql | Git | ExpressJS | Webrtc

ECOMMERCE MARKETPLACE | Website, API
March 2021 | Rajasthan, IN
- Developed a Web Application and API that allows people to get daily use items within 2 hrs completely online.
- Included Unit Testing for multiple patches of code to increase the test coverage of Application.
- Used Django Templates, HTML5, CSS3, JS to build Frontend of Website.
- Used Basics of Docker to Containerise Backend of Application.
- Hosted Complete Website on pythonanywhere.
- Utilized PostgreSQL DB to build Webapp's Database Model.
- Exposure : Python 3 | Django | PostgreSQL | Git | HTML | CSS | JS | Docker

MAFIA ONLINE | Game, API
April 2021 | Rajasthan, IN
- Developed a Game that allows users to play Family Mafia Game completely online with their Friends and Family with the features of Voice Chatting.
- Utilized Concepts of Object Oriented Programming to Structure the Code.
- Used Django Rest Framework to develop API of the game and Webrtc to setup Voice Chat.
- Used ReactJS, HTML, CSS and JS to build Frontend of Game.
- Exposure : Python 3 | Django | Postgresql | Git | React | Webrtc

ACHIEVEMENTS

- Selected in top 1% of Candidates in Summer of Bitcoin Qualification Round.
- Won HacktoberFest T Shirt for Contributing to OSS.
- Finalist of All India Chess League from IIT BHU Team.
- Finalist of Quarantine Chess Battle from IIT BHU Team.

COURSES

Computer Programming • Algorithms & Data Structures, • Web Programming