

Deepak Kumar

Python Developer

I am a Python Django Developer. I have been working in an agile environment. Have Hands-on real-time client-delivered projects. Now my main focus is in Blockchain. Exploring blockchain technologies like Solana and Ethereum.



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Sonipat, India

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EDUCATION

Bachelor of Technology Bharat Institute of Technology

08/2017 - 12/2020

Sonipat, Haryana

WORK EXPERIENCE

Python Developer Pink Tech Design Pvt. Ltd.

11/2020 - 09/2022

service based company

Gurugram

Responsibilities

- Backend development for Satellite Imagery based Annotation Tool.
- DATABASE: query database using python script.
- Developing Rest api: developed Rest Api using Django Rest Framework.
- Image Processing: image manipulation using python library.
- Developed Cron job program for backup of db, image processing.
- Accomplishment: Developed An Image Enhancement Tool for an image annotation tool.
- GIS scripting using python.
- Engaging with clients on daily basis.

Backend Developer Sveltetech Pvt. Ltd

09/2022 - Present

Achievements/Tasks

- **Web App Development:** - Created a user-friendly financial tool using **Python** and **Django Rest Framework** for easy budgeting and expense tracking
- Engineered a responsive backend, deploying the server with **Waitress** and optimizing data handling with **Redis**. - Simplified salary bill processing for seamless financial management.
- - Tech Stack: **Python**, **Django Rest Framework**, **Waitress**, and **Redis** ensured a secure and scalable application.

SKILLS

python

mysql

mongodb

Django Rest Framework

Django

javascript

Git

Rust

Solidity

Foundry

React js

PERSONAL PROJECTS

Smart-Contract-Lottery (07/2023 - 07/2023)

- this is a kind of lottery smart contract built on the Ethereum blockchain.
- used **CHAINLINK KEEPER** is known as **CHAINLINK automation** to automate time advancement. also, use **CHAINLINK VRF** to get the random numbers.
- used **Foundry framework** for testing deployments. testnet: **sepolia**. for frontend used **next-js**
- used **Fleek** and **IPFS** combination to host the website.
- **Fleek** is basically Vercel or Heroku, but for Web3 it helps to upload, store & fetch files from IPFS in an easy to use.
- github : <https://github.com/deep0072/smartContract-Lottery>.
- link for webapp: <https://curly-river-7443.on.fleek.co/>.

Stable-Coin (08/2023 - 09/2023)

- The project implements a stablecoin with its value pegged to \$1, utilizing Chainlink for real-time market accuracy. Stability is maintained through decentralized minting/burning, requiring collateral in the form of wETH and BTC.
- tech stacks : solidity, rust based foundry framework for testing.
- source code: <https://github.com/deep0072/EthereumFoundryExamples/tree/master/Foundry-Stable-Coin>

DeepStaking (09/2023 - Present)

- **Decentralized Staking Platform:** This Project facilitates decentralized staking and withdrawal using two ERC-20 tokens.
- **Dynamic Reward System:** Users earn rewards based on staked amount and duration, with proportional distribution.
- **Secure Transactions:** The contract incorporates robust error handling for secure token transfers during staking and reward claims
- tech stacks: solidity, foundry, react js, wagmi(library)
- frontend ==> **currently in progress**
- GitHub: <https://github.com/deep0072/DeepStaking>

INTERESTS

currently exploring Blockchain