DAKSH PALERIA

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EXPERIENCE

blinkit (formerly known as Grofers)   **March 2023-Present**
Software Developer Intern   *Bangalore, India*
- **Working** as a **backend** developer in the **warehouse tech** team focused on developing and improving various operations like **inbounding, putaway, picking, billing, and handover** with the use of tech.
- **Developing** and contributing in APIs for multiple **microservices** written in **Python-Django and Java (Play Framework)**.
- **Implemented** features as asynchronous task by using **RabbitMQ, Celery** and **deploying** them using **CI/CD pipline Jenkins**.

Summer of Bitcoin 2022 – bcoin   **May 2022–Sept2022**
Software Developer Intern   *Remote*
- **Developed** the addition of **Taproot (BIP 340, 341, and 342)** validation to the node and wallet using JavaScript.
- **Analyzed** the 3 major Bitcoin Improvement Proposals (BIPs). Reviewed the changes, tested the changes using JS scripts, writing new tests.
- Led the complete **revamp** of the node and wallet by implementing all the necessary changes in the **3 BIPs**.

Google Summer of Code 2021 – CDLI   **May 2021–Sept 2021**
Google Summer of Code 2021 Software Developer   *Remote*
- **Developed** a dashboard that can visualize the admin with more than **20+ digital assets** for **100k+ artifacts** using **Cake PHP, and MariaDB**.
- Created a **Python script** to replace the manual methods of updating the database for more than **150K assets**. Added **Docker** support to **remove hardware redundancy**.
- **Reduced the manual work by 50%** by automating the process to update the database on a **daily basis**.

PROJECTS

Web DApp for Decentralized Autonomous Organization (DAO) ↗ **[ReactJS, Solidity, Hardhat, CSS]**
- **Implemented** a dashboard that can show the **DAO Members** a **list of all proposals, options to vote on the listed proposals, and the total number of tokens with each member**.
- **Deployed an ERC-20 (Ethereum Request for Comment) Governance Token; an ERC-1155 Non-Fungible Token (NFT), and a treasury on Rinkeby** that will allow members to have a **say** in the **organization**.

Mobile Application to predict user's disease ↗ **[Flutter, Firebase, Flask, TensorFlow]**
- **Created** a mobile application from scratch in collaboration with **three members** that will work as a dashboard to **predict the disease** a user is suffering from.
- **Achieved** an accuracy of **93% with the model** trained on the data provided by the sponsors.

Mobile Application for maintaining the COVID Protocols ↗ **[Flutter, Firebase, Flask, CNN]**
- **Built a mobile application** that allows the users to track the implementation of the **COVID Protocols** in public places.
- **Achieved** an accuracy of **97% with the model** trained on the data provided by the sponsors.

TECHNICAL SKILLS

Languages: Python | C++| Java | SQL | HTML/CSS | PHP | Dart | Solidity
Frameworks: Flutter | Django | Play | ReactJS | AngularJS
Tools: Git | SQL | Docker | AWS | RabbitMQ | Celery | Grafana | Jenkins

EDUCATION

Vellore Institute of Technology   Vellore, Tamil Nadu
Bachelor of Technology in Computer Science and Engineering   *Jul 2019-Jul 2023*

Relevant Coursework: Data Structures and Algorithms, Object Oriented Design, Operating Systems, Database Management Systems, Artificial Intelligence, Natural Language Processing.

VOLUNTEER EXPERIENCE

Coordinator at a 36-hour-long **hackathon** with over **3000+ participants**.
Mentored 20+ juniors at student chapter **Team Fourth Dimension (TFD)** for **app dev domain**.
Mentored 100+ participants at an open-source program **Script Winter of Code** for the **app dev domain**.