

Satyam Raj

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 [Github](#)

 [LinkedIn](#)

Projects

SPURIOUS-ALIENS

STANFORD UNIVERSITY'S CODE IN PLACE

 May 2021

- It is a **shooting game** that involves Spaceships and Aliens.
- As you **progress** in the game the speed of the ship and the aliens **keeps increasing** to make the game more challenging..
- Implemented a **dual miniship defense system** that autonomously engages in continuous fire, safeguarding the main ship.

[Youtube Link](#)

[Github Link](#)


CLASS GPT

 2023

- Built with LangChain, GPT4All, LlamaCpp, Chroma and SentenceTransformers and Flask.
- **Trained** on **specific data sets** and fine-tuned to cater to the specific needs of an individual.
- This project streamlined document processing workflows, **reducing manual effort by 70%** and improving data accuracy.
- **Upload documents** of your choice like pdfs or word files.

[Github Link](#)

LOTTERY SMART CONTRACT

 February 2022

- Any number of users can enter the lottery by depositing some ether and the winner **chosen randomly** gets all of them.
- It used solidity and javascript for the smart contract.
- It is deployed on the rinkeby test network.
- **Tested** using **mocha**.

[Github Link](#)

PORTFOLIO GENERATOR

 November 2021

- Created with a **team** of four members of the college club for the students of the college to generate portfolios.
- It is a **template** that creates Portfolio as per the demands of the user.
- It is created using HTML, CSS and JavaScript.
- It uses JSON so user can edit the default data and enter his data.

[Github Link](#)

Skills

PROGRAMMING

Python • R • PHP • C/C++ • Java • HTML/CSS • JavaScript • ReactJS • SQL • Solidity

MISCELLANEOUS

Git and GitHub • Data Structure and Algorithm • Competitive Coding • Video Editing

Experience

BLOCKCHAIN AND IOT RESEARCHER

IOTAGI

 2022

- **Research** on IOT and Blockchain in Supply Chain and Agriculture.
- Made **smart contracts** for **Crop Sale Agreements** between Farmers and Buyers.
- **Implemented automation** in the smart contracts to **execute predefined actions** based on specified conditions.

BLOCKCHAIN DEVELOPER

JURIDENT

- Used **polygon** coins for transactions.
- **Developed** the **backend** for the website.
- **Increased security** of the sensitive data of the customers and **reduced the transaction fees** by **15-20%**.

WEB DEVELOPER

APPLE DEVELOPERS GROUP(COLLEGE CLUB)

- **Developed** the club recruitment website.
- **Managed** iosFusion(event) with a team.

FRONT END DEVELOPER

MOZILLA FIREFOX GROUP(COLLEGE CLUB)

- **Created** a website for students to **find partner** when going back to home from vacation called TravelBuddy.
- Contributed in **developing** the clubs **homepage**.

Achievement

- Completed **Artificial Intelligence Analyst** course from **IBM**.
- Secured **first place** in Apple Developers Group **Ideathon**.
- Secured **5 star** in Hackerrank in C++.
- **Top 10** in **Cook-off 7.0** by CodeChef against 1000+ participants.

Education

VELLORE INSTITUTE OF TECHNOLOGY

BTECH IN COMPUTER SCIENCE

 2020

CGPA- 8.34*/10

GN NATIONAL PUBLIC SCHOOL

12TH GRADE

 2019

84.5%