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Shanthiya S

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PROFESSIONAL SUMMARY

Software Engineer Intern dedicated to improving skills through hands-on learning and development work. Adept at using HTML5, JavaScript and other programming languages to produce clean code. Well-organized and collaborative team player with strong communication and analytical abilities. Complex problem-solver with analytical and driven mindset. Dedicated to achieving demanding development objectives according to tight schedules while producing impeccable code.

EXPERIENCE

Software engineer Trainee, Shanthiya. Chennai, Tamil Nadu

Aug. 2023 - Present

- . Brainstormed with engineering team to determine appropriate library for creative coding like p5.js,fabric.js and pixi.js.
- . Developed frames for an image using p5.js in React js.
- . Worked with developers to identify and remove software bugs.
- . Analyzed source code to identify functionality issues.
- . Partnered with team members to learn best practices in software design.
- . Wrote clear, clean code for various tasks.
- . Documented technical workflows and knowledge to educate newly hired employees.

EDUCATION

Chennai Institute of Technology, Chennai, Tamil Nadu

B.E, Computer Science, January. 2023

St.Joseph's Girls Hr.Sec.School, Kumbakonan

HSC, Computer Science, May. 2019

SKILLS

Frontend: HTML,CSS,Javascript,React Js,Canvas Backend: Node Js,Express Js

Database: MongoDb

C/C++

Privacy - Terms

Basic knowlege of Data Analysis and machine learning algorithms

Data Structures and Algorithms

LANGUAGES

English

Tamil

PROJECTS

Machine Learning for Crop Yield prediction and Enha

- The web application was designed in such a way which gives usthe yield of the crop, recommends a crop and fertiliser based on the soil type and climatic conditions
- In this we have used weather api to get real time data for prediction
- Here we have used ML algorithmssuch assupport vector machine ,Logistic Regression,Decision Tree,XGboost.
- $\bullet \quad \text{Used Numpy,pandas,matplotlib,scipy,scikit-learn and flask} \\$
- The main obejctive of this project is to maximise the profit of the farmers and to reduce the suicidial rate

D.A.R.E - Dynamic Advertisement Recommendation Engine

An AI based recommendation engine

- DARE it was designed using the power of deep learning neural networks which analyses the user's profile -and presents advertisement that suit best to expectations based on gender and age
- The main objective of this project isto maximize the profit margins by taking full advantage of public
 advertisement places and to provide ads which the user are most likely to buy
- Here we have used computer vision to analyze the gender and age from the live camera feed
- Used tensorflow, keras, opency, numpy, pandas

ACCOMPLISHMENTS

- Secured a five star badge in C++ and a three star badge in C. •Achieved a four star badge in Problem Solving.
- Earned two star badges in Python and 30 Days of Code.

GFG . LeetCode

- Overall Coding Score 847
- Solved more than 400 problems

- Three star rated coder
- Achieved a rank of 809 in Global level in CodeChef Cookoff 2021.



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