HIRVA PIPALIYA

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WORK EXPERIENCE

Bhaskaracharya National Institute for Space Applications and Geo-Informatics, Gandhinagar - Intern
November 2020-April 2021
- Worked on Agriculture based Applications.
- Developed a farmer-friendly system for crop prediction.

Chegg ,New Delhi, India - Chegg Q-&-A Expert
September 2020 - Present
- Providing Solutions for student's questions related to computer science on the Question & Answer Board.

PROJECTS

Cultiver-Digital Farming
- Farmer-friendly system with GUI, that will predict which would be the best suitable crop for a particular land, based on location, nutrients, PH level, and weather parameters. It also recommends fertilizer, predicts plant disease, and suggests how to cure it.

Online Portal for Student Support (An Academic Query Solving)
- This Transactional system features the use of an educational institute to be part of different types of groups, share data and documents among different users, have discussion threads, and instant notifications.

Tic Tac Toe Game
- Tic tac toe game with multiple modes: two-player mode with lots of customization, invincible mode.

Short URL maker
- URL shortening and redirection from shortened URL App.

Weather Application
- Weather App that provides real-time air quality index of your area and indicates the AQI through the color signal.

TECHNICAL SKILLS

Ruby on Rails
Principles of MVC(Model, View, Controller) and restful API.
Built rich UI/UX Web Application.

C/C++
Basic knowledge about fundamentals, data input-output, decision-making structures, loops, functions, array.

Web Development
Built rich UI/UX web pages and forms with HTML,CSS and Javascript.

Python
Basic knowledge about operators, tuples, sets, lists, dictionaries, and file handling.

Android
Fundamental concepts about the android app framework like UI controls/widgets, Fragments, UI layouts.

EDUCATION

P. P. Savani University, Surat- Bachelor of Technology (Computer Engineering)
August 2017 - Present
CGPA: 7.5

Prime Science School, Jamnagar - H.S.C. (Higher Secondary Certificate)
March 2017
Percentage: 75%

Shri Jain Kanya Vidhyalaya, Jamnagar - S.S.C. (Secondary School Certificate)
March 2015
Percentage: 82%

CURRICULAR ACTIVITIES

Space Application Centre, Indian Space Research Organization (ISRO), Ahmedabad - Visit
April 2019
- Compiled knowledge of the core functions of various satellites.
- The team at ISRO explained the various types of components used in GSLV(Geosynchronous Satellite Launch Vehicle) & PSLV (Polar Satellite Launch Vehicle).

Einfochips, An Arrow Company, Ahmedabad - Visit
May 2018
- Acquired working knowledge of embedded systems in the Healthcare industry.
- VLSI and SOC-based micro-architecture-based system overview.

CERTIFICATION

Introduction to IOT
Cisco Networking Academy
Python for Data Science
Cognitive Class
Google Analytics for Individual
Google Digital Academy
Energy Literacy
Energy Swaraj Foundation
YouTube Music Certificate
Google Digital Academy
Elements of AI
University of Helsinki

LANGUAGES

English (Proficient)
German (Beginner)
Hindi (Fluent)
Gujarati (Mother's tongue)

HOBBIES

Traveling
Photography
Listening Music