GAJARLA HARSHAVARDHAN REDDY

Software Developer Engineer

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WORK EXPERIENCE

Technical Team   📅 Aug 2021 – Current
TEDxNITRourkela : Organized TED Events

- Interfaced with user experience designers, the official website of TEDxNITRourkela integrates modern and responsive design.
- In build Ticketing system Merchandise store using Instamojo
- Built using Javascript Gatsby, the website garnered over 20000+ views during the event owing to high performance & exceptional SEO
- Live Site : TEDxNITRourkela

Technical Team Member   📅 August 2021 – Feb 2022
Monday Morning : Official Student Media Body of NIT Rourkela

- Implemented a scalable frontend for the student media body of NIT Rourkela along with a Content Management System.
- Incorporated authentication, progressive web app (PWA) & push notifications features for a secure & seamless experience using Next.js, Material-UI Apollo-Client, Cloudflare, Google Analytics.
- Live Site : Monday Morning

PROJECTS

BlockDrop : Backup Storage | On-going Project
- An Image backup application, which is completely decentralized and persist on the internet Irrespective to any server migrations / issues
- Images back up into IPFS, hence the users have the freedom to access them anywhere on the planet without any concerns of geolocation bans
- Image collection can be stored as NFTs on the Polygon chain
- Technologies Using: Solidity, IPFS, DJango, JavaScript, HTML/CSS, Polygon, Filecoin

TexSum : Text Summarizer
- A Dynamic Website with back-end integration that uses Machine Learning GPT-3 to Summarize Text with an accuracy of 75%
- Translates text into various languages for Students, Professors, Readers or Journalists with an dedicated URL section to summarize websites
- Technologies Used: React, Flask, Machine Learning APIs, URL APIs, LibreTranslate API, Heruko

ConvoCare : Mental Health
- Developed a web application using a word-embedding LSTM Sentimental analysis model with approximately 70% accuracy
- Predicts if a post indicates anxiety or depression and then connects students with appropriate counseling services
- It's a semi-monitored portal which is privacy controlled for mental health analysis at universities.

Decode Apocalypse : Natural Disaster Management
- A Cyclone Predicting website with an built in integration of a simulation using Tinkercad Software.
- Used TMP36 temperature sensors to indicate if any irregularities are in weather above the safety limit, set to 60.
- Integrated the necessary MAPS and required helpline services for further information

PROGRAMMING SKILLS

Programming Languages
Javascript(ES6+), Typescript, C++, SQL, Solidity, HTML, CSS

Frameworks & Libraries
React.js, Next.js, Polygon, Gatsby, DJango, Node.js, Express, Mongoose, MongoDB, Tailwind CSS, Material UI

Tools and Technologies
Git, GitHub, Heroku, Netlify, Amazon Web Services, Google Cloud Platform, Postman, Firebase

Operating Systems
Linux, Mac, Windows,

Design Tools
Figma, Adobe Lightroom, Adobe Photoshop, Adobe XD

PORS & ACHIEVEMENTS

Technical Team Manager | HackOdisha

Auth0 Ambassador

Postman Student Expert

Vice President of Toastmasters International

AWS Student Educate

30 Days of Cloud Google - All Tracks

Learn to Earn Cloud Challenge - Three Tracks

Campus Ambassador | AngelHack

Flipkart Grid 3.0 - 2nd Round Runner Ups

Event Coordinator at Campus Fest, INNOVISION'21

EDUCATION

B.Tech Computer Science Engg. | 2020-24
NIT Rourkela

Intermediate | May 2020
IIS Jubail, Saudi Arabia

Matriculation | May 2018
IIS Jubail, Saudi Arabia

INTERESTS

Open-Source, Blockchain - Decentralized Apps, DevOps, Cryptocurrency, Communities, Photography, Travelling