Vignesh Duraisamy

GitHub | LinkedIn
vigneshd332@gmail.com

EDUCATION

NATIONAL INSTITUTE OF TECHNOLOGY, TRICHY

BTech in Metallurgical and Materials Engineering
Expected 2024 | Trichy, TN

NARAYANA JUNIOR COLLEGE, KUKATPALLY

PCM
April 2019 | Hyderabad, TS
Overall: 91.3% (A1)

LINKS

Github:// **vigneshd332**
LinkedIn:// **vduraisamy**
Twitter:// **@HBM2E**

SKILLS

LANGUAGES

TypeScript • Python • Javascript
Shell • Solidity • C++

WEB DEVELOPMENT

HTML/CSS • React/Redux
NodeJS • FastAPI • Flask
Express • GraphQL • MaterialUI
Phaser • Metamask • Three.js

DATABASES

MySQL • MongoDB

TOOLS/SOFTWARE

Git • Docker • Postman
Vite • WebPack • phpMyAdmin
Ableton Live • MATLAB

EXTRA CURRICULARS

Audio Visuals Manager at Festember

Managed Audio and Visual Equipment for Festember Events

Music Production

Made the theme song for the Vayu clan in Aaveg '21 and short EDM tracks with Ableton Live

EXPERIENCE

DELTA FORCE | Software Developer

Aug 2021 – Present | Trichy, TN, India

- Software Developer in the **official coding club and web team** of NIT Trichy, which produces and maintains most of the web and app development for various activities, festivals and admin-related projects in the college.
- Designed, Developed and Deployed production ready websites and applications accessed by **10,000s** of unique visitors every year.

TEDXNITTRICHY | Manager, Tech

Feb 2021 – Present | Trichy, TN, India

- Developed and Deployed the Main, Blog and Event Websites accessed by 100s of unique visitors.
- Helped ideate 3+ TEDx events and handled all the tech requirements for online events.

NITTFEST | Manager, WebOps

Jan 2022 – Present | Trichy, TN, India

- Developed and Deployed the official website and server for NITTFEST '22.
- Integrated the **Stripe payment API** with the **FastAPI** backend and developed a backend validator for the NITTFEST Wordle game.

PROJECTS

CODE CHARACTER | A strategy based programming game

Nov 2021 – Apr 2022

- Developed the Renderer for the game using **Phaser.io**
- Designed and Developed an intuitive UI with robust State Management using **React** and **Redux**.

DELTA WINTER OF CODE | A GSoC-like Program

Nov 2021 – Dec 2021

- Built a site which allow organizations to post projects and invite users to be mentors. It also allows users to apply for the projects as mentee.
- Worked extensively in the frontend of the site. Worked with **React, GraphQL** (Both Client and Server) and **MaterialUI**.

TEDXNITTRICHY | Main and Blog Websites

Feb 2021 – Mar 2022

- Developed the Main Website with a robust UI with **React-Typescript** and used **Three.js** and **react-three-fiber** to make interactive 3D models for the site.
- Developed the Blog Website with **Gatsby.js** with **GraphQL** to fetch data from a MarkDown backend with **Netlify CMS** Integration.

PROXIMTY | A Discord Bot

Dec 2019 – Jan 2021

- Built a Discord Bot with Music, Image Search Integration and lots of fun commands.
- Integrated **IBM Watson Image Recognition** and **Google Text to Speech API** to provide Image Classification and Text to Speech Features on Discord.