Abi Rajaraja Sivapatha Sekaran

Developer and Designer

I am curious about technology and open to opportunities to learn and do something innovative that has a positive impact on society and organizations to any extent. Being consistent in learning new things has helped to engage in Hackathons, Webinars, and other Tech events. Great when it comes to Teamwork and Management which helps to improve myself and the organization.

✉ arrssekaran@gmail.com

📍 Madurai, Tamil Nadu, India

in linkedin.com/in/abirajaraja

▶◀ medium.com/@arrssekaran

📱 9750959777

📅 16 December, 2002

github.com/AbiRaja-tech

EDUCATION

Bachelor of Technology (B.Tech), Computer Science and Engineering
Vellore Institute of Technology

07/2020 - Present   *8.85*

XII(Intermediate)
Maharishi Vidya Mandir

03/2018 - 03/2022   *9.2*

PERSONAL PROJECTS

WhatsApp Anyone

- This Website with easy and modeled user interface which can send message to anyone through WhatsApp Without saving their number into your contacts. This can be used by Social Network Marketers or Organization to send one time message through WhatsApp. OTP's are sent through Messages WhatsApp doesn't allow us to send message to someone anonymous.

Virtual Board

- This project is built with my knowledge of OpenCV and Unity. I've seen movies where people move their hands to control the computer. What if we can do the same..? This small idea enhanced the development of the virtual board where you can write or perform similar activities without a mouse or pointer just by using your hands.

Mask Detection

- The Modern world is in search of solutions from the computer which has the capability to perform functions similar to a human being at times more than them. This project on Mask Detection is a small leap to that approach which makes the computer think similar to Humans and at instance effective than what Humans do.

Stock Market Prediction

- The Plot Behind this Project is to train them with appropriate Data and choose an effective algorithm. I've checked a few data from the past which gave me an accuracy of about 64% which is not that satisfying. So I am actually improving the model and Algorithm to gain an appropriate result with a minimum accuracy of something above 75%!!

SKILLS

Java DSA C/C++ SQL ReactJS ExpressJS MySQL OpenCV Python Debugging Marketing Stock Analysis NodeJS MongoDB Matlab Figma

ACHIEVEMENTS

Young-Tech
HCL Madurai has given the honor of Tech-Speaker for conducting Campaign and workshop in rural and other hotspots in and around Madurai to over 300 enthusiastic students

PUBLICATION

Sukhotin's Algorithm (11/2021 - Present)
This is not a research paper but a blog on the most basic and root algorithm for all the string matching and synchronizing algorithm which are used to solve complex problem nowadays.

Cyber Security for CPA(Cyber Physical Attack) (12/2021 - Present)
This is a research paper on the Framework model to uphold in case of providing cyber security to any organization from the CPA.

Cryptosystem Using Blockchain
To be released before 02/2023

LANGUAGES

English
Full Professional Proficiency

Tamil
Full Professional Proficiency

Hindi
Professional Working Proficiency

WORK EXPERIENCE

Front-End Developer

Kite India (VITTBI)

Kite India is a travel-based organization which has its own unique feature to differentiate among other fellow competitors.

- *Creating innovative design which makes users engage and spend time exploring the amenities of the company and an excellent API. I've had a hands-on experience with Express JS through this Internship.*
- *I was also given the role of Sales and Marketing on seeing my interest in the management domain.*

Full Stack Developer Intern

Skill Vertex

Providing Engineering students with the best courses and other amenities to excel in academics and other domains that interest them.

- *Was part of 2 teams and helped them in developing 3 websites in the timespan of 3 months.*
- *Was given training A-Z from understanding the UI/UX model to implementing them in the best responsive way possible.*
- *Explore many aspects of NodeJS, as was given a task to define the API for the whole Website.*

Web Developer

Velam Export and Import

Velam is a developing Export and Import company having its root in Madurai, Tuticorin, Trichy and Chennai. They are also scaling up to Vizag, Bangalore and Goa.

- *Made the complete Front-End Design all the way from scratch.*
- *Used HTML5,CSS and JS to bring the design live in the website.*
- *Explored Vanilla and Bootstrap, helped me to sketch better design and provide them with standard and informative webpage.*

Marketing Intern

SBM Software Solution

Providing clients with a prominent software environment to make the management easier and more secure.

- *Working here gave me the confidence to speak up to people and convey my/organization's ideas in the best way possible.*
- *Improved my ability to work as a team and provided me with insights on managing an organization.*