Hemachandhar.N

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in   https://www.linkedin.com/in/hemachandhar-n-46236121a

✔ Objective

I am looking for a challenging job with a rapidly growing organization that can provide me with a range of goals and job objectives within a contemporary and economical business setting.

✔ Experience

- **Vatanix technologies**   21/02/2024 - 21/05/2024
  Desktop/Network engineer
    - During my three-month tenure at Vatanix Technologies, I immersed myself in the dynamic world of IT networking and hardware. As a Network Engineer and Desktop Engineer, each day presented exciting challenges and opportunities for growth.
    - From configuring routers and switches to troubleshooting network issues, I honed my technical skills under the guidance of seasoned professionals. I collaborated closely with the team to design and implement robust network infrastructures that met the diverse needs of our clients.
    - In my role as a Desktop Engineer, I ensured that end-users had seamless access to the tools and resources necessary for optimal productivity. Whether it was troubleshooting hardware issues or deploying software updates, I approached each task with precision and attention to detail.
    - One of the most rewarding aspects of my experience was the opportunity to participate in various projects aimed at enhancing system efficiency and security. Whether it was deploying new technologies or optimizing existing systems, I thrived in the fast-paced environment of innovation and problem-solving.
    - Throughout my time at Vatanix Technologies, I not only gained invaluable technical skills but also developed strong teamwork and communication abilities. Working alongside talented professionals in a collaborative environment further fueled my passion for IT networking and hardware. As I reflect on my journey, I am grateful for the invaluable experiences and knowledge gained during my time at Vatanix Technologies.

✔ Education

- **Saranathan college of engineering**   2019-2023
  BE.ECE
  7.735

- **A.K.K.V Aarunadu Matriculation Higher Secondary School**   2019
  12th
  50%

- **Mahatma Gandhi Centenary Vidyalaya**   2017
  10th
  7.6

✔ Skills

- **Frontend devlopment**
- 1) HTML (intermidiate)
- 2) CSS (intermidiate)
- 3) React (intermediate)
- 4)Javascript (Basic)
- 5)Typescript (Basic)
- 6) Material UI (intermediate)
- **Backend Development**
- 7) Mongo DB (Basic)
- 8) Node JS (basic)
- 9) Express JS (Basic)
- 10) GIT (Basic)

✔ Projects

- **1. Human following robot**
    - An Human following robot was made during 3rd year on mini project expo .
    - This robot is driven with four Dc motors and it is controlled by a motor driver shield with ATmega L293d . The main objective of designing this useful project is to make our life better and luxurious

- **2. Gas leakages and monitoring system for Industries**

- This project arrange by "Nalaya Thiran" and collaboration with "IBM" .
- The sensor-enabled solution helps prevent the high risk of gas explosions and affecting any casualties within and outside the premises. The gas sensors help detect the concentration of the gases present in the atmosphere to avoid hazardous consequences like fire breakouts.

- 3. Automatic paper correction using NLP and ML
  - This project arranged as a final year project.
  - An automatic paper correction application that checks and marks written answers similar to a human being. This software application is built to check subjective answers in an online examination and allocate marks to the user after verifying the answer.

- 4. Portfolio design by HTML and CSS

  Portfolio design using HTML and CSS provides a flexible and creative way to showcase one's skills and achievements. HTML structures the content, while CSS enables customization of layout and style. Leveraging these tools allows for the creation of visually appealing portfolios that effectively highlight work, experience, and expertise, making a strong impression on potential employers or clients.

- 5. Nexus recipe App

  Nexus Recipe App: A Culinary Companion

  Nexus Recipe App is your ultimate culinary companion, designed to inspire and simplify your cooking journey. With a sleek and intuitive interface, this app brings together a vast collection of recipes from around the world, catering to all tastes and dietary preferences.
  Features:
  1. **Explore Diverse Recipes**: Discover a wide range of recipes ranging from traditional favorites to innovative creations. Whether you're craving comfort food, exploring new cuisines, or seeking healthy options, Nexus Recipe App has something for everyone.

  2. **Personalized Recommendations**: Tailored to your preferences, the app provides personalized recipe recommendations based on your dietary restrictions, cooking habits, and flavor preferences. Never run out of ideas for your next meal.

  3. **Easy-to-Follow Instructions**: Each recipe comes with clear, step-by-step instructions accompanied by high-quality images, making it easy for even novice cooks to recreate delicious dishes with confidence.

  4. **Ingredient Management**: Keep track of your pantry essentials and create shopping lists directly within the app. Say goodbye to last-minute grocery runs and wasted ingredients.

  Nexus Recipe App aims to revolutionize the way you cook, empowering you to unleash your creativity in the kitchen and elevate your dining experiences. Whether you're a seasoned chef or a cooking novice, let Nexus Recipe App be your trusted culinary companion on your gastronomic adventures.

✔ Publications

- Revamping paper correction using NLP and ML
  1st Dr. M. Baritha Begum, 2nd Hemachandhar.N, 3rd Charudesna. K,4th Dhaslin Jeni Monisha "Revamping Paper Correction with NLP and ML", JBS Volume 23, Issue 5, 2023, ISSN NO: 1869-9391, PAGE NO: 1002

✔ Interests

- Video editing
- Graphic design in (canva)
- Photoshop

✔ Languages

- Tamil
- English

✔ Personal Details

- Date of Birth : 21/04/2002
- Gender   : Male

✔ Internship

- Telecommunication technology exchange of BSNL

✔ Certification

- 1.IBM CERTIFICATE FROM "GAS LEAKAGES MONITORING SYSTEM USING IN INDUSTRIES" BY "NALAYA THIRAN"
- 2.Journal of basic science (Scopus)
  "Revamping paper correction using NLP and ML"
- 3.Indra Ganesan College of engineering conducted by "5th international conference on artificial intelligence and autonomous systems " from title of "Automatic paper correction using NLP and ML algorithm "
- 4.Google's data analyst professional certificate

✔ Personal Information

- Father Name : A.Nagarajan (RTD Rly Tpj Trichy)
  Mother Name : N.Vijaya (Home maker)
  Siblings (younger brother) : N. Giridhar

✔ Declaration

- I hereby certify the above given data are true and correct to the best of knowledge and belief.

HEMACHANDHAR.N