NAGA SAI KUMAR POTTI

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Career Objective

I am Actively Searching for a role where I can utilize my robust Organizational and analytical abilities to effectively oversee administrative responsibilities. I am Enthusiastic about making a meaningful contribution with in a team dynamic and improving all while pursing my academic objectives.

Work Experience

Programmer Analyst,   November, 2021 – August, 2023

Cognizant Technology Solutions Pvt Ltd., Hyderabad, India

- Completely Trained in Full stack web Development.
- Built new Applications with HTML, CSS, JavaScript, Java, SQL, Spring Core & maven.
- Actively Participated and Involved in Customer Meetings.
- Utilised and implemented 7+ attractive, responsive and mobile friendly website contexts and elements by utilizing HTML/CSS/JavaScript.
- Adopted proactive posture in seeking out and recommending enhancements to application functionality or proposed solutions to kenned areas needing amendments.
- Cooperated with senior Developers for customary inspections.
- Worked on Frontend part for Fraud management System project and E-library management system.
- Worked on IBM sterling Integrator tool and Global Scape tool.

Education

Masters in Computer Science   2023 – present
Illinois Institute of Technology, Chicago, USA   CGPA -3.0
B. Tech, Electronics and Communication Engineering   2017 - 2021
Amrita Vishwa Vidyapeetham, Bangalore, India   CGPA - 7.39

Internship   2018

Completed Internship program in 'Optical Fiber Communication' at Bharat Sanchar Nigam Limited (A Govt. of India Enterprise) Worked on Telecom Switch -CDOT, Optical Fiber Systems -SDH &DWDM, broadband and Networking Equipment.

Competencies

C, Java, Python

MySQL, HTML

CSS, JavaScript, Spring boot

IBM Sterling Integrator, Global Scape

MS Office

Projects

Implementation of Reverse Vending Machine Technique for Dry Waste and E- Waste

- Developed a Hardware prototype which collects waste dumped by user and rewards them with Digital Points. Used modern technologies such as Raspberry pi as minicomputer, Raspbian OS and Thonny Python IDE are soft requirements used and Database management system using Maria DB for storing the users Data. With couple of Ultrasonic, Load Cell, Infrared and Inductive sensors made a complete hardware prototype machine with a perfect output as expected with accurate and desired results.

- Published an IEEE research paper in 2021 5th International Conference on Electronics, Materials Engineering & Nano Technology (IEMENTech) and published in IEEE Xplore and indexed in Scopus. [https://ieeexplore.ieee.org/document/9614824   ]

Smart Street light System

- Built a system that detects the vehicles with the help of couple of sensors which provides the information to Arduino to transmit the power to street lights to glow with High Intensity.

- It also detects the day or night with help of LDR sensor and provides the information to Arduino to transmit the power to street lights with respective intensity.

E-library Management System & Fraud Management system

- Created a progressive web application which can be used both web application as well as mobile application

- Implemented progressive technologies such as HTML, CSS for User Interface JavaScript, Java, JDBC for Backend and MYSQL Database.

Workshops

Robotics

Designed a Line follower and edge detection robotic vehicle which operates with a remote-controlled using ARDUINO at Robotic workshop, Bangalore held in 2017

Python Workshop

Learned OOPS concept and focussed on inbuilt Data Structures in python by an industry expert in this workshop conducted by Codinza organized by IEEE Student Branch, Bangalore held in 2019.

Co Circular Activities

Joint Secretary of IEEE-PELS Technical Club, ASE-Bangalore.   (06/2019-06/2020)

- Conducted Multiple Workshops and fu in the campus environment with technical leaders.
- Gained administrating skills and leadership skills while working as the top leading member of the IEEE-PELS technical club.

Senior Executive member of Narthana-Dance Club, ASE-Bangalore.   (06/2018-06/2020)

- Performed all cultural, Inter-department Dance Competitions and one of the organizers for campus Dance Competitions.
- Gained team working skills and organizing skills while working as the Senior executive member of the Narthana club.

Publications

Implementation of Reverse Vending Machine Technique for Dry Waste and E-Waste, **2021 5th International Conference on Electronics, Materials Engineering & Nano Technology (IEMENTech)**, published in IEEE Xplore and indexed in Scopus. (https://ieeexplore.ieee.org/document/9614824).

Achievements

- Received Silver Medal in Mathematics Competition for International Mathematics Olympiad (IMO) exam held in 2013.
- Received Certification of Merit- participation in Mathematics for SIMO Education Exam held in 2013.
- Selected for district Level in Mathematics Competition for Regional Mathematics Olympiad (RMO) Exam held in 2014.
- Won 1st prize in Inter Department Dance

Projects

Cricket, Photography, Cooking, Movies, Browsing online content on Sports, TV Shows

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