SHRIYA REDDY **PUTTUM**

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An experienced full stack developer with strong problem solving, programming and mathematical abilities. Currently, has an advanced level of proficiency in PHP, JavaScript, Java, React.js, Node.js, SQL, and MongoDB. Is also very proficient in Swift, Python, Angular.js, .NET and Neo4j among others. Possesses excellent listening, communication and leadership skills and works very well in teams. Has worked in three startups in the past at the level of a full stack developer and at the level of a front-end developer. Therefore, has practical ability in building applications from scratch. Due to experience in startups and in projects (both inside and outside university), has been involved in working with Linux, using git and in test driven development. Currently in search of a full-time job in the field information technology.

EDUCATION

JULY 2020
MASTER'S IN INFORMATION TECHNOLOGY, MONASH UNIVERSITY
WAP: 75%
Awarded Academic scholarship of Merit.

JUNE 2018
BACHELOR'S IN COMPUTER SCIENCE ENGINEERING, ICFAI FACULTY OF INFORMATION TECHNOLOGY
CGPA: 8.6/10
Awarded Academic Scholarship of Merit

EXPERIENCE SUMMARY

JAN 2020 – FEB 2020
FULL STACK DEVELOPER, GIVERED PVT. LTD., HYDERABAD, INDIA

JAN 2018 – JULY 2018
SOFTWARE DEVELOPER, IOT RESEARCH LABS, HYDERABAD, INDIA

MAY 2016 – JULY 2016
WEB DEVELOPER, NATIONAL INFORMATICS CENTER, HYDERABAD, INDIA

JULY 2016 – JANUARY 2017
MANUAL FACIAL RECOGNITION IMPLEMENTATION PROJECT, (COMPLETED UNDER THE SUPERVISION OF DR. SRINIVAS KODURI)

APRIL 2015 – DECEMBER 2015

MANUAL FACIAL RECOGNITION IMPLEMENTATION PROJECT, (COMPLETED UNDER THE SUPERVISION OF DR. SRINIVAS KODURI)

APRIL 2012 – JUNE 2012
INTERN (INWARD QUALITY CONTROL), (ESSENNAR TRANSFORMERS, HYDERABAD, INDIA

PROFESSIONAL SKILLS

PROGRAMMING LANGUAGES KNOWN (AT AN ADVANCED LEVEL): -

- C/C++
- Python
- PHP
- Android App development
- R
- MATLAB
- JavaScript (ES7)
- Swift
- Java
- .NET and C#
- jQuery
- Solidity
- React.js
- HTML5, CSS3
- MongoDB
- Neo4j
- SASS
- SQL
- Node.js
- Angular.js

PROJECT MANAGEMENT SKILLS: -

- Critical Analysis and problem identification
- Time Management
- Leadership and communication
- Strategic Planning
- Coordination and Delegation

PROFESSIONAL CERTIFICATIONS

JANUARY 2020
BLOCKCHAIN DEVELOPER, BLOCKCHAIN COUNCIL

DECEMBER 2018 – JUNE 2019
PROFESSIONAL CERTIFICATION IN DATA SCIENCE, HARVARDX (THE OFFICIAL ONLINE INITIATIVE OF HARVARD UNIVERSITY, USA)

PROFESSIONAL HISTORY

JAN 2020 – FEB 2020
FULL STACK DEVELOPER INTERN, GIVERED PVT. LTD., HYDERABAD, INDIA
GiveRed Pvt. Ltd. is a startup in Hyderabad, India founded in January 2020. The company aims to create the largest volunteer donor network in order to enable individuals and their families to gain access to blood donors more easily
RESPONSIBILITIES: -
- Manage the company's current website
- Build the company's upcoming website that allows volunteers to register and hospital patients to make a request for donors. This website was developed using MEAN stack.
- Make the database querying process that looks for applicants within a specific radius quicker and capable of handling a larger number of requests
ACHIEVEMENTS: -
- Successfully designed the company's new website

- Built the framework for the company's website
- Made a development plan for the features that should be present in each iteration
- Successfully streamlined software processes that manage the current and near future load on the system and database.

JAN 2018 – JULY 2018

SOFTWARE DEVELOPER, IOT RESEARCH LABS, HYDERABAD, INDIA

IOT Research Labs Pvt. Ltd. is a startup in Hyderabad, India that provides organizations and individuals with fleet management services. The service offered includes installing GPS tracking devices on vehicles and then tracks various vehicle parameters

RESPONSIBILITIES: -
- Manage the company's current website on word press
- Build version 2 of the company's primary application, FleetConnect (front end and back end). This was done using React.js, Node.js, Python Eve, React.js, MongoDB and a few other JavaScript libraries
- Test tracking device sensors and device programs to process sensor data keeping in mind anomalies
- Track loads on the server and resolve problems in case of excessive loads
- Developed and fixed issues in the customized application, built using a MEAN stack, for the company's primary client, Kargill, India

ACHIEVEMENTS: -
- Was promoted to the full stack development team in 1 month
- Tested and created programs for processing data from fuel sensors and temperature sensors
- Resolved issue when cleaning data for individual vehicle fuel sensors
- Made half the front-end pages for FleetConnect (the company's primary application)
- Customized priorities in processing requests from different client on the server
- Automated server failure processes, finished all documentation for an older application made by the company (for Kargill) and began creating certain data visualization for the company's business processes within the first month

MAY 2016 – JULY 2016

WEB DEVELOPER(INTERN), NATIONAL INFORMATICS CENTER, HYDERABAD, INDIA

National Informatics Center (NIC), India is an attached office under the ministry of electronics and information technology (MeitY) in the Indian Government. NIC provides infrastructure to help provide the delivery of government IT services. The headquarters of the state of Telangana, India is located in Hyderabad

RESPONSIBILITIES: -
- Designed certain prospective web pages for certain state level (specifically for the state of Telangana, India) web services
- Created themes that could be used in a Drupal Website
- Created content for the prospective web pages that were designed

ACHIEVEMENTS: -
- Finalized 3 pages (along with content) for a prospective government education website
- Designed a complete theme for use in Drupal (that was approved by my superiors)

JULY 2016 – JANUARY 2017

MANUAL FACIAL RECOGNITION IMPLEMENTATION PROJECT, (COMPLETED UNDER THE SUPERVISION OF DR. SRINIVAS KODURI)

Dr. Srinivas Koduri is a renowned scientist (in information technology) in India and is the former head of IEEE Andhra Pradesh, India Section and former Head of Database Systems Group at NRSC (National Remote Sensing Centre) , ISRO (Indian Space Research Organization).

DESCRIPTION: -

- Wrote programs in MATLAB that could perform facial detection and recognition using a database that contained a series of images of 600 different people
- Facial recognition was performed using the principal component analysis algorithm

APRIL 2015 – DECEMBER 2015

ROBOTIC CAR INTERFACE PROJECT, (COMPLETED UNDER THE SUPERVISION OF DR. SRINIVAS KODURI)

Dr. Srinivas Koduri is a renowned scientist (in information technology) in India and is the former head of IEEE Andhra Pradesh, India Section and former Head of Database Systems Group at NRSC (National Remote Sensing Centre), ISRO (Indian Space Research Organization).

DESCRIPTION: -

Developed an interface for a Lego robotic car that would enable the car to perform the following through simple commands on a remote:

- Move its wheels
- Detect and get around obstructions
- Turn on the alarm when someone enters the room
- Turn on the alarm when someone picks up the car
- Follow a given red line

APRIL 2012 – JUNE 2012

INTERN (INWARD QUALITY CONTROL), (ESSENNAR TRANSFORMERS, HYDERABAD, INDIA

Esennar Transformers has been a leading name in the power industry for well over close to two decades in the state of Telangana, India. It was established in the year, 2000.

RESPONSIBILTIES: -

- Was a part of a team that tested materials for quality
- Created Reports based on tests

REFERENCES

Available upon request