



Money Raheja

TECHNOLOGY MANAGER

Email: money.raheja@gmail.com
Phone: +91 7837344118
Address: House no-271 Dashmesh
Nagar Naya Gaon Dirtrict-Mohali
Punjab

ACADEMIC QUALIFICATIONS

Bachelor of Engineering in Computer Science

Chitkara University of
Engineering and Technology
Punjab, India
CGPA-7.75
July 2013-2017

Grade - 12

Government Model Senior Secondary
School
Sector - 37B Chandigarh
CGPA - 83.2 percent
July 2013-2017

Grade - 10

KB DAV Senior Secondary School
Sector - 7B Chandigarh
CGPA - 8.6 CGPA
July 2010-2011

Trainings and Certifications

- Certified Python professional
- Oracle certified JAVA Associate
- The Complete Data Structures and Algorithms Course in Pyhton From Udemy

PROFESSIONAL EXPERIENCE

TECHNOLOGY MANAGER

Ashoka Enterprises

June 2017 - Present

- Developed and Implemented information technologies to maintain organization's effectiveness and efficiency
- Developed Inventory Management tool using Python to fetch real time inventory status
- Developed Incentive Calculator application using Python to fetch employee data from google sheets in order to calculate the incentives for employees
- Developed Customer Grievance Ticket Management tool using Python and HTML in order to track and log customer complaints
- Developed Revenue and Category management dashboards in PowerBI for data analysis and actionable insights
- Preserved assets by implementing disaster recovery & back-up procedures and information security & control structures
- Recommended information technology tools, security controls by assessing the control environment, identifying problems, and anticipating requirements

INTERNSHIP

Trainee, Infosys limited,
Mysore, India

Jan 2017 - May 2017

- Completed final year project titled Soil analysis for Agriculture benefits using R, SSMS (SQL Server Management Studio) and SSRS(SQL server Reporting Service)
- Learned business intelligence basics
- Learned python, database, data visualization with Cognos and data etl (extract, transform, load) with Informatica Powercenter

ACADEMIC PROJECTS

Title: ARTIFICIAL HELIOTROPISM

Sep 2014 - Dec 2014

Team Size: 4

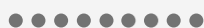
Heliotropism, a form of tropism, is the diurnal motion or seasonal motion of plant parts in response to the direction of the sun, so our main motive was to utilize maximum solar energy on solar panels by moving them with two motors in the direction of sunlight. So, we built a replica of heliotropism by using 4 LDR as sensor's, arduino, 2 servo motors, 4 resistors, 2 potentiometers, connecting wires and breadboard. The LDR on the tracker detects heat and send the required signal to the arduino board and it use it as per the coding given to it. The arduino gives the servo motor the required input and rotate it to move it in the direction so that the top of the tracker will never come in shade if a light source is available.

Role: Coding for Arduino Board

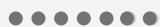
Tools used: Arduino development environment (IDE), Arduino, 4 LDR's (Light Dependent Resistor), Servo motors, Bread Board, Resistors and Potentiometer

SKILLS

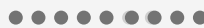
Python



Java Lanugauge



SQL



Leadership



Microsoft Power BI



R language



Team Member



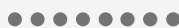
Microsoft Excel



Problem Solving



Creativity



Awards and Achievements

- Secured 2nd position in workshop of Sixth Sense Technology organized by Techophillia and was selected for zonal round of the international Challenge for Sixth Sense Technology
- Attended SAP Techuniversity 2014, Asia's largest Technology Event for students
- Got Selected in UCA (University Coding Academy)

Extra Curricular

- Head Boy of NCC (National Cadet Corps). Organized the Republic Day Parade at Chitkara University
- Attended 10 days ATC (Annual training camp) as a part of NCC (National Cadet Corps)
- Nominated for Best cadet at NCC (National Cadet Corps)

Title: GESTURE CONTROL ROBOT

Jan 2015 - May 2015

Team Size: 4

We built a robot which moved with the gesture of hand and provided environmental conditions (temperature and light intensity) of particular place on an android device. For this, we used two arduino, accelerometer, temperature sensor, LDR, R-F module, castor wheel, bluetooth module HC-05 and motor driver. The purpose of this robot was to determine the temperature and light intensity of the surrounding environment so as to ascertain whether or not the place was safe to go to.

Role: Coding for Arduino Board and connection of wires with LDR and different modules.

Tools used:Arduino development environment (IDE), Temperature sensor, LDR and Motor Driver.

Title: STEGANOGRAPHY

April 2016 - June 2016

Team Size: 4

We created an android application which can hide/unhide data in the form of image. The project was based on steganography, which is the technique of concealing a file, message, image, or video within another file, message, image, or video. The application allowed users to send text as a secrete message inside an image file. First, the user uploads the image and enters the text to send secretly, and gives a key or a password to lock the text. We used tripleDES (Triple Data Encryption) algorithm which applies the DES cipher algorithm three times on text, so that the data remains secure as this encryption cannot be broken by anyone.

Role: Coding in Java for getting all the basic information of image.

Tools used:Android Studio, Eclipse Java IDE (Integrated Development Environment)

Title: BROWSER PLUG IN (a helping tool)

which gets triggered when we select a text on any webpage and give options to play with the selected text

Aug 2016 - Dec 2016

Team Size: 4

We created a browser plug-in (a helping tool) which gets triggered when we select a text on any webpage and give options to play with the selected text. A plugin is a piece of software that acts as an add-on to a web browser and gives the browser additional functionality. Plugins can allow a web browser to display additional content it was not originally designed to display. It can be installed according to user need. Main feature of this plugin was to copy data with a single click, search about that word on google with a single click and the translation of that word in a preferred language.

Role: Coding in java

Tools used: Eclipse Java IDE (Integrated Development Environment), Microsoft Language Translation tool

Title: SOIL ANALYSIS FOR AGRICULTURAL BENEFITS

Jan 2017 - May 2017

Team Size: 4

This project analyzed soil samples using R models, and produced results that can be further applied to determine soil usage and crop growth capacity with thresholds. This application also helps on how to increase soil productivity and provides better user interface to a layman so that he/she can easily understand what can be done to improve soil productivity or which crop is best suited for the type of soil using SSRS (SQL Server Reporting Services)

Role: Creation of data models in R, SSMS (SQL Server Management Studio) was used to extract, transfer and load procedure of all collected raw data

Tools used: Language R, SSMS (SQL Server Management Studio) and SSRS (SQL Server Reporting Services)