RESUME

PERSONAL INFORMATION

Name	:	Dhruvi DharmendravanGosai
Address	:	HarikrushnaSocietyVadtal-387375 Ta-Nadiad Dist-Kheda
Contactno	:	+919978140131
E-mail	:	dhruvidgosai4297@gmail.com
Date ofbirth	:	4th February1997
Gender	:	Female
MaritalStatus	:	Single
Nationality	:	Indian
Languages known	:	English, Hindi, andGujarati
Hobbies	:	Listening music, Drawing, Travelling,Cooking

PROFESSIONAL SUMMARY

- Working as a**trainee Embedded Engineer**in**PerfectVIPs**
- Working experienceof**UART, SPI,andI2Cinterfaces**
- Knowledge On**programming languages**like**C, C++, Asp.Net(C#), Android,Python**
- Working experience in**Windows**,**Linux**,and**Android.**
- Hands-on experience with different**embedded boards**such as**Arduino**,**Raspberry Pi**,**NodeMCU**

PROFESSIONAL EXPERIENCE

Company:PerfectVIPs **TraineeEmbeddedEngineer** **Jun 2019 – July 2020**

TECHNICAL SKILLS

Programming Language:C, C++, Asp.Net(C#), Android, Python, JavaScript, GOlang

WebDevelopment **:**HTML, CSS, Angular JS, NodeJS

Database **:** MYSQL, MongoDB,Firebase

Cloud **:** AWS, IBM,Openstack

Tools **:** Proteus, Arduino IDE, Latex, Orange, R Studio, Wireshark,Matlab

Operating System **:** Windows,Linux

AREA OF INTEREST

- Data Structure andAlgorithms
- Computer Languages: C, C++, Python,ASP.NET

- WebTechnologies
- Networking
- Cryptography
- Data Mining andwarehouse
- Compiler Designing (LanguageProcessing)
- MicrosoftBI

CAREER OBJECTIVE

Seeking a position in life to utilize my skills and abilities and achieve professional growth while being resourceful, innovative, and flexible. To gain employment with an academic and a development professional, applying, communication, and managerial skill for the attainment of sustainable development and to meet organizational goals and objectives intend to build a career with a developed organization with committed dedicated people which help me explore myself fully and realize my potential.

EDUCATIONAL QUALIFICATION

Discipline College	**Institute**	**University /Board**	**Year of passing**	**Percentage/CGPA**
M.Tech (Computer Engineering)	Chandubhai S. patel Institute of Technology-Changa	Charotar University of Science and Technology.	2020	9.36 CGPA
B.Tech (Information Technology)	Chandubhai S. patel Institute of Technology-Changa	Charotar University of Science and Technology.	2018	8.86 CGPA
HSC	Knowledge Highschool-Nadiad	GSHSEB	2014	65.66%
SSC	Sheth Khimaji Ramdas KanyaVidyalaya Mandvi-Kutch	GSHSEB	2012	87%

CURRICULAR ACTIVITIES

- Participated in**Technical Event**to find**Shortest Path**at**Charusat,Changa**
- Completed**NPTELonlinecourse**of**Operatingsystems**.
- Completed**NPTELonlinecourse**of**Database.**
- Successfully Completed**Matlab Onramp**onlinecourse.
- Successfully Completed**Machine Learning Onramp**onlinecourse.
- Attended**AWSWorkshop.**

PUBLISHED REARCH PAPERS

- Published**Research Paper**in**Research India Publication (RIP) Delhi(2018).**
- Published**Research Paper**in**Journal of Xidian University(2020).**

STRENGTH

- Ability to grasp the newskills
- Self-motivated, Self–learner
- Ability to work in ateam,TeamManagement
- Ability to rapidly build a relationship and set uptrust
- Good CommunicationSkill
- Loyal and Dedication towards mywork

PROJECTS

Project 1:Platform Independent: IoT solutions

Description:AllJoynis an**open-source software platform**that enables**IoT devices**and**applications**to discover and interact with each other.**AllJoyn**is a platform and**language independent framework**using that any two different**languages**(**C, C++, Java**,**Python**) applications can communicate with eachotherand it can runonvarious**operating systems**(**Linux**,**Mac**,**Android**,**Windows**). In addition to this,**AllJoyn**provides service advertisement and discovery abstraction, aswellas various**application**to**application security mechanisms**and a**remote method invocation abstraction**. In additiontothis, remote access is also possible using the**Gateway**working service.**AllJoyn**works at the**application**layer. Itdoesnotcare about any underlying**networklayer**.

Tools & Technologies:C, C++, Java, Python, Javascript.

Platform&OS :Linux,Raspberry Pi, Android, AWS, IBM, OpenstackCloud.

Project 2:An Efficient Product Reviews Based On Location Using N-Gram Model

Description: The tweets are importantforanalysis because data arrive at a**highfrequency**and**algorithms**that process them must do so under very strict**constraints**of**storage**and**time**.This particular**system**does support**Live tweet retrieval**and**classification system**. In this project, Collect**data**worldwide and**predict decisions based**on Location. Also, add some features like**Emoticons Feature,**and**Synonyms Feature**. Apply different**Machine Learning Algorithm**(**SVM**,**ANN**,**NB**,**KNN**, etc.) on the**model**and generate comparison base Analysis.Also,perform a**Multi classification**method on it. Create a**unigram,bigram, and trigram model**based on the input text and finally create an**N-gram model**that can resolve**1-Gram**, 2-**Gram, 3-Gram**limitations. In this model, try to reduce**computation time**and**increaseaccuracy.**

Tools & Technologies:MatlabPlatform&OS: Windows

Project 3:App Locker

Description:App lockeris a freeware**Android app**that can help you to**lock specific apps**on**Android**. This**application**will ensure that the main**app**services arenotkilled by any third party**app**killer. This**app**, provide basic**app security**as well as**data protraction**. So, it can able to**hide data and applications**, thus you can hide our**data**like**multimedia files**(**images**,**videos**,**audios**, etc.) andyoucan**set password screen**to**apps**, so on the start-upofthe**application**, the**password**will be asked and if the password provided by the user will be matched to the existing set**password**and then the particular**application**will open. In this way by using this particular App Locker Application, you can hide your personal informationordata.

Tools & Technologies:Android Studio - version 4.1.2(JellyBean),

JavaPlatform&OS: Windows,Android

Project 4:Offline Examination System

Description: This system contains two modules oneforfaculty module and secondforstudent module. With this**desktop application**, institutes can**register Questions**. Students can giveexamsand view their results. Students can ask their problems to their teachers and teachers can solve student's difficulties by using this offline examination**application**. The System contains the**Registration module**for the new users and also contains the**Login module**for the old, existing users. In the**Faculty module**, faculty can set examination papers, prepare results, and also take attendanceofthe students. In the**Student module**, the student can give exams and also check their results and attendance. This is the desktop application, so the user can use this application**from anywhere, anytime**by simply login into the particularsystem.

Tools & Technologies:JavaPlatform&OS:

Windows

Project 5:Time & Location Base Reminder

Description: Most of the reminder**applications**available today in**mobile phones**are time and**date**based. In which the user has to save the**time**and**date**of when he/she wants to be reminded about in the reminder. If the reminder is**ON**, the device continuously tries to match the**device time**and**date**with the saved**time**and**date**, and the user will be alerted if it is a match. But in many cases, the user will not be aware of the**time**and**date**, but he/she will be aware of the place where he/she wants the reminder. In this project,**design**an**android based application**that gives alert about the reminder when he/she enters into the**geographical region**specified in the reminder. The**android technology**used in this**application**such as**GPS**and**SQLite Database**technology.

Tools & Technologies:Android Studio-version 4.2.2, Database- SQLite,

JavaPlatform&OS: Windows,Android

Project 6:Find My Friends App

Description:Android-based applicationthat is developedfor**ease of person**. By using this application,youcan meet your pass-out college's members. This**app**can pinpoint to your friends who have work in that company and provides navigational**help (i.e. directions)**so you cancontact

them andget**guidelines**from them who are pass-out. In this Application,fornew students**signupmodule**is available and for old/existing students**login module**is available. In this application, the student can searchfora particular student. By using this application, If Student can shift one unknown place for the work purpose and need any help like**find PG, find canteen, Tiffin facilities,**etc,for that particular person can search his/her college's past-out members and take help fromthem.In thisway,by using this particular application, a person can take help from their past-out college's members and**stay always contact**withthem.

Tools & Technologies:Android Studio,

JavaPlatform&OS: Windows,Android

Project 7:Emotion Detection & Reorganization from Text Using Natural Language Processing

Description:Python-based applicationwhich can be**detected**and**recognize**basic**six human emotion**like**happy, sad, fear, disgust, anger,**and**surprise**from the**text**. In this project, first, take**user input**, then perform a**Tokenization method**,afterthat identifies particular**emotional words**and analyzed their Intensity and then perform a**Negation method**on it and give particular**emotion**as a result. In this project, I can perform different**methodologies**like**Text Pre-processing(Remove punctuation, Remove Extra Repeated character, Negative expression replacer, Stop word, Stemming, Lemmatization,**etc.) Defining**dictionaries**ofbasic six**expressions, Tokenization**, and**POS tagging**,**Tagging**words from the**dictionary, c**alculating**sentiment measure**,**Increment**and**decrement**of**sentimental measure**,**Inverters**and**polarity flips,etc.**

Tools & Technologies:Python,NLPPlatform&OS: Windows

DECLARATION

I do hereby declare that the above information is true to the best of my knowledge**.**

DHRUVI GOSAI