

PANCHAL RONAKKUMAR KANTILAL

Address: 401 saileela complex,
Opp. Pushkar park,
At & po: Baben, Ta: Bardoli,
Dist: surat -394601 [Gujarat]
Contact No.: 09898257016.
Email: ronu27@gmail.com,
ronubca@gmail.com
Web: <http://ronakpanchal.in>
<http://drronakpanchal.wordpress.com/>
LinkedIn: <https://www.linkedin.com/in/ronak-panchal-phd/>



Objective Assistant Professor and FullStack software engineering specializing in various platforms and technologies. Dedicated to tackling new technologies and methods to expand and apply expertise to challenging problems. Strives to build and improve reusable tools and solutions to achieve repeatable quality results.

Education	Degree	University/Board	Year	Percentage
	PhD in Computer Science	Calorx Teachers' University, Ahmedabad	2015	Done in 2019
	PGDRM (Post Graduate diploma in Research Methodology)	Veer Narmad South Gujarat University, Surat	2013	63.34%
	M.Sc.(Information & Communication Technology) (Sem. 4)	Veer Narmad South Gujarat University, Surat	2008	62.23%
	M.Sc.(I.C.T) (Sem. 3)	Veer Narmad South Gujarat University, Surat	2007	60.00%
	M.Sc.(I.C.T.) (Sem. 2)	Veer Narmad South Gujarat University, Surat	2007	61.23%
	M.Sc.(I.C.T.) (Sem. 1)	Veer Narmad South Gujarat University, Surat	2006	60.00%
	B.Sc.(Computer Science) (Aggregate)	Veer Narmad South Gujarat University, Surat	2006	65.00 %
	H.S.C (Science)	Gujarat Higher Secondary Education Board Gandhinagar	2003	55.00%
	S.S.C	Gujarat Secondary Education Board, Gandhinagar	2001	80.57%

Work Experience	<ol style="list-style-type: none"> 1. I am presently working as an Assistant Professor in Vidyabharti Trust College of BBA & BCA. Umrah from 1st July, 2009 to till the date and I/c Principal from 1/11/2010 to 31/1/2012. 2. I was a Chief Technology Officer (CTO) in Telsa Media Digital Marketing Agency, UK since February, 2018 to November, 2018 with the role of research & development and content writing work. 3. I had been taking professional training with Agnisoft Pvt. Ltd. in C#.net technology from Bangalore during 1st Feb, 2009 to 10th June, 2009. 4. I was servicing as Computer Teacher in SAI Technology from 1st Aug, 2008 to 9th Dec, 2008. 5. I had been working with ProDesignZ Pvt. Ltd as a web programmer and stand-alone application programmer from 9th Aug, 2007 to 1st July, 2008. 6. I had been in employment with MA FOI Management Consultants Ltd. and was deputed to Bajaj Allianz Life Insurance Co. Ltd, Bajaj, Surat as a 'CSR' (Customer Support Representative) from 1/05/2006 to 20/08/2006. 7. Ability to work on own initiative and deliver to specified deadlines. 	
Key Skills	Research Area	Semantic Web & Ontology Design, RDF, SPARQL, Database, Image Processing, Data Scientist
	Research Tools	Protégé 5.0, Python, R, Apache Jena Fuseki Server, ARC2, EasyRDF, WEKA, Gephi, SPSS
	Framework	Code Igniter MVC, Django, Microsoft .Net Framework 1.1/2.0/3.0/3.5/4.0/4.5/5, WordPress
	Programming Languages	Expertise in Python, PHP, C#.Net, VB.NET, C, C++, Visual Basic 6.0, Java, QBASIC, Python, Oracle PL/SQL, mysql
	Technology Exposure	NodeJS, AngularJS, IonicJS, LINQ (Language Integrated Query), WCF, WPF
	Web Technologies	HTML 4.0/5.0, JavaScript, CSS, Bootstrap, JQuery, API Integration, Windows Service, Web Forms (ASP.NET), ADO.NET, Microsoft AJAX, JSP, Servlet,
	Databases	Oracle 10g, MS SQL Server 2000/2005/2008/14/17, Ms Access, PL/SQL Programming ,MySQL, phpmyadmin, SQLite3, SPARQL 1.0,SPARQL 1.1.
	Tools	PyCharm, Android SDK, Netbeans, XCode, Microsoft Visual Studio 2008 /10 /12 /17, Apache Jena Fuseki, Notepad++, OpenGL, eclips, XAMPP
	Multimedia	Corel Draw, Photoshop, Front Page, Dream viewer, Blender, Flash 5

	Concepts	Object Oriented Programming, Design Patterns, Artificial Intelligent (AI), Data Science, Machine Learning, Data Mining, Service Oriented Architecture, BigData, Cloud Computing
	Area of Interest	Desktop, Mobile and Web Development Technologies, Database Administrator, Virtual Private Server Linux. R&D.
Professional & Academic Projects	Projects:	
	1. Data Science Project Problem Statement: (1) A Study on Student Result Prediction and Analysis (2) A Study on Student Dropout Prediction and Analysis (3) Bike Sharing Rental Analysis project for MCA Student Implementation: R and Python Technology: Machine Learning's model Tools: RStudio and Pycharm / Jupyter Notebook	
	2. Semantic CRUD Web Application This is a dynamic web based ontology for AISHE system. There are handling various operations like insert, update, delete and display course and university class and its properties through this system on Linux based virtual private server. Software/Platform/Tools: PHP EasyRDF / LAMPP / Apache Jena Fuseki Server on VPS Research Area: Semantic Web and Ontology No. of Team Members: 1 Duration: 3 years	
	3. Extract Text from PNG Image This is an employee attendance using python library (opencv). I have stored face image in yaml file as database. Software/Platform/Tools: Python / Pillow, OpenCV library Database: YML file No. of Team Members: 1 Duration: 2 months	
	4. Face Recognition through Attendance This is an employee attendance using python library (opencv). I have stored face image in yaml file as database. Software/Platform/Tools: Python / Pillow, OpenCV library Database: YML file No. of Team Members: 1 Duration: 2 months	
	5. BedFordMotelma.com This is a dynamic motel management website. There are basic functionalities such as room booking, room change,	

room view gallery, new events, testimonial etc. When room is booked, so booking confirmation is via email.

Software/Platform/Tools: PHP CodeIgniter / XAMPP
Database: MySQL
No. of Team Members: 3
Duration: 3 months

6. Panchalengineeringworks.com

This is a dynamic website for maintaining Panchal engineering work task such as slider, gallery, catalogues upload from admin side.

Software/Platform/Tools: PHP CodeIgniter / XAMPP/
PyCharm
No. of Team Members: 1
Duration: 1 Month

7. Resume builder

This is dynamic website for maintaining resume. There are two panel one is admin panel and second is user side panel. It is maintaining key skill, experience, personal detail, qualification, publication detail.

Software/Platform/Tools: Python Django / SQLite3/
PyCharm / Bootstrap /
No. of Team Members: 1
Duration: 2 Month

8. Notepad Automation

This is standalone application using notepad.

Software/Platform/Tools: Python / PyCharm / Notepad
No. of Team Members: 1
Duration: 1 Month

9. PNPBed.com

This dynamic website is use for maintaining bed college. There are two panel one is admin panel and second is user side panel. It is maintaining Staff detail, Gallery, News, sider, download, magazine, flashnews and inquiry at contact side.

Software/Platform/Tools: PHP Code Igniter /MySQL
/XAMPP /Bootstrap / CSS /JQuery
No. of Team Members: 1
Duration: 1 Month

10. Score Manager

It is Cricket based software that is aimed at automating all the process involved in a score history. This product is

	<p>aimed to target manual keeping data rather than automatic. There are different modules in the application namely Team, Player, Match and Live Score card.</p> <p>Software/Platform/Tools: Android SDK, SQLite. No. of Team Members: 1 Duration: 1 Month</p>
11.	<p>Panchalsamaj Bardoli Mobile Apps in Android and iOS</p> <p>Provide All Facilities in android and iOS Which are used for Community member and its details with registration. Board of member male and female, news and update related to community.</p> <p>Software/Platform/Tools: Android SDK, XCODE, Webservice, MySQL/ JSON. No. of Team Members: 1 Duration: 2 Month</p>
12.	<p>Online Panchalsamaj Bardoli</p> <p>Provide All Facilities Which are used for Community member and its details with registration. Board of member male and female, news and update related to community.</p> <p>Software/Platform/Tools: PHP, MySQL No. of Team Members: 1 Duration: 20 Days</p>
13.	<p>DONOR system for college and community</p> <p>Provides donation facility storage and searching,handle bank detail, donor wise and day between reports,etc.</p> <p>Software/Platform/Tools: VB.net & MS Access/ RDLC report No. of Team Members: 1 Duration: 10 days.</p>
14.	<p>Multiuser College management system for engineering</p> <p>Provides student module, branch wise searching, handle ACPC data, fee module and fees related daily reports, etc.</p> <p>Software/Platform/Tools: VB.net, C# & MS SQL server 2014/ RDLC report No. of Team Members: 2 Duration: 50 days.</p>
15.	<p>Import Export CSV/EXCEL file tools</p> <p>Provides import / excel file or csv file.</p> <p>Software/Platform/Tools: C#.net & MS SQL server 2008/ Excel No. of Team Members: 2</p>

Duration: 10 days.

16. Online Movie Ticket

Provide All Facilities Which are used for Shopping online

Software/Platform/Tools: JSP/SERVLET, SQL Server 2000

No. of Team Members: 3

Duration: 60 Days

17. Accounts Mobility [Pocket Pc]

Provides Accounting facility on a PDA phone.

Software/Platform/Tools: VB.net,C#.net, SQL Server CE

No. of Team Members: 2

Duration: 60 days.

18. Call95.com [Calling Card]

Provides Online Calling Card Recharge through Mobile.Reading data from xml file. Xml file is in Mobile.

Software/Platform/Tools: PHP, JavaScript, CSS, MySQL, Nokia Tools.

No. of Team Members: 2

Duration: 40 days.

19. Industrial Directory of Pune

Provides Online facility and Desktop service it likes as a BSNL Telephone Directory which contains contact number, addresses and various other details of the different companies.

Software/Platform/Tools: VB.net & MS Access.

No. of Team Members: 2

Duration: 10 days.

20. Opensource Multiple File Upload

Provides Online facility to select multiple files and upload them. It also shows the thumbnail view so that's easier to select various files.

Software/Platform/Tools: Java Applet, Swing & PHP.

No. of Team Members: 2

Duration: 40 days.

21. Accounting Module for ERP

Provides Online common accounting facility for ERP.

Software/Platform/Tools: PHP, JavaScript, CSS, MySQL.

	<p>No. of Team Members: 2 Duration: 40 days.</p> <p>22. Home & Agriculture A/c System</p> <p>Develop “Home & Agriculture A/c System” in “Millenium Software Solution” at Surat, work as a Software developer. It is managed daily work details.</p> <p>Software/Platform/Tools: Visual Basic 6.0, MS Access No. of Team Members: 3 Duration: 60 Days</p> <p>23. Online news and attendance system (ONAAS)</p> <p>Develop for college academic work as a Software developer. It is managed daily college work details.</p> <p>Software/Platform/Tools: Visual studio 12, VB.NET, MS SQL server 2008 R2 No. of Team Members: 3 Duration: 15 Days</p> <p>24. Enterprise Resource Planning</p> <p>It is ERP software that is aimed at automating all the process involved in a manufacturing industry. This product is aimed to target the industry, which produces Food Packaging and Food Processing. There are different modules in the application namely Finance, Purchase, Sales, Inventory, Manufacturing, Stock Management, Export, Payrolls, production (Process, Packing, Storing, Dispatch) and also supports Master Registration (Item, Item Group, Supplier, Customer, Employer, General Account) It also helps in controlling the configuration and production of manufactured goods.</p> <p>Software/Platform/Tools: C#, ASP.NET 2.0, ADO.NET 2.0, SQL Server 2005, IIS on WIN XP No. of Team Members: 6 Duration: 10 Month</p>
<p>Book(s) Published</p>	<ol style="list-style-type: none"> 1. I have published Computer Application – I book for BBA with given ISBN-978-93-81222-12-6 2. I have published Computer Application –III book for BBA with given ISBN:978-93-81222-72-0 3. I have published Computer Application –IV book for BBA with given ISBN:978-93-81222-72-2 4. I have published Information System book for Computer Science with given ISBN:978-93-81222-97-3 5. I have published Database Management System with MS Access for BCA, BSc IT, BSc (CS) with given ISBN:978-93-84731-09-0 6. I have published 12th Science Java MCQ book for 12th standard student with given ISBN:978-93-84731-09-0

**International
and National
Paper
Presentation(s)
and
publication(s)**

- I have presented and published Research Paper titled “A Study of ontology file format: protégé tool” in “2017 International Conference on Soft Computing and its Engineering Application (icSoftCom2017)” and technically co-sponsored by IEEE held at CHARUSAT, change India during 1-2, 2017.
- I have presented and published Research Paper titled “Execution of SPARQL Query using Apache Jena Fuseki Server in AISHE domain” in “International Journal of Advance Engineering and Research Development” (IJAERD) with Vol.2(9) September -2017 (ISSN: 2456-4338). (URL:http://ijaerd.com/papers/finished_papers/Execution-of-SPARQL-Query-using-Apache-Jena-Fuseki-Server-in-AISHE-domain-IJAERDV04I0989498.pdf)
- I have presented and published Research Paper titled “A Comparative Study: Java Vs Kotlin Programming In Android” in “INTERNATIONAL JOURNAL OF INNOVATIVE TRENDS IN ENGINEERING & RESEARCH” (IJITER) with Vol.2(9) September -2017 (ISSN: 2456-4338).
- I have presented and published full length Research Paper entitled of “Semantic Web Enabled Smartphone Data Retrieval System using SPARQL in JAVA” in the National Conference on “Recent Trends in Computer & Communication Technology” during may 10th and 11th 2016 at Sarvajanik College of Engineering and Technology, surat with ISBN: 978-93-5258-824-4(page no. 100).
- I have presented and published Research Paper titled “A Study of Scientific Communication and its academic importance” in “INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING, SCIENCE & MANAGEMENT” (IJARESM) with Vol.1(12) September -2015 (ISSN: 2394-1766)
- I have presented and published Research Paper titled “Computer and Mobile Virus: A challenge for Information and Communication Technology Professional” in “INTERNATIONAL JOURNAL OF ADVANCED RESEARCH IN ENGINEERING, SCIENCE & MANAGEMENT” (IJARESM) with Vol.1(12) September -2015 (ISSN: 2394-1766)
- I have presented and published Research Paper titled “Data Mining for Staff Recruitment in Education System using WEKA” in INTERNATIONAL JOURNAL OF RESEARCH IN COMPUTER SCIENCE AND MANAGEMENT with Vol. 1(12), December 2014 (ISSN: 2321-8088)
- I have presented and published research paper in “Indian journal of applied research with title of “Unit Awareness of Responsive design in Android” in category of Information Technology (Volume: 4, Issue: 8, August 2014, ISSN: 2249-555x, Page No 70-73).
- I have presented and published research paper in “Indian journal of applied research with title of “Cell phone Technology and its Usage by Student” in category of Information Technology (Volume: 3, Issue: 4, April 2013, ISSN: 2249-555x, Page No 21).
- I have presented a Research Paper titled “A Study on student’s adoption of Mobile phone Generation Technology”

	at the “National Business Research Conference” held on 20th October 2012.
Workshop(s) / Seminar(s) / FDP / Training	<ul style="list-style-type: none"> ➤ I have attended Two days’ workshop on “Recent Trends in DATA SCIENCE” on 10th and 11th May,2018, Organised by Department of Computer Engineering & Information Technology, CGPIT in association IEEE Signal Processing Society and sponsored by Uka Tarsadia University. ➤ I have participated National supercomputing mission workshop on “High Performance computing” dated on 26th February,2018 at SVNIT, surat which was organized by CDAC. ➤ I have participated in the One Day Faculty Development Program of “PEDAGOGICAL EFFECTIVENESS” on 9th February, 2018 which was conducted by Anil Saroagi. ➤ I have organized C, C++, JAVA & Linux Training and certification from IIT Bombay based Spoken Tutorial held on 15th Oct, 2015. ➤ I have participated STATE LEVEL FACULTY DEVELOPMENT WORKSHOP on “RESEARCH ACTIVITY” at VNSGU, Surat held on 18th January, 2015. ➤ I have organized JAVA, C and C++ Training and certification from IIT Bombay based Spoken Tutorial held on 21st Aug, 2013. ➤ I have organised LAN game competition. ➤ I have given personality development and resume builder training to students of unique (USA) classes. ➤ I have been attended One-Day Training Programme on “Choice Based Credit System” jointly organized by knowledge consortium of Gujarat, Gandhinagar and Veer Narmad South Gujarat University,surat on 19th June,2011 ➤ I have been organized “CPanel and Plesk Panel -Server Management” seminar for 5th semester student dated on 16th Sep,2011 ➤ I have been organized “Customer Relationship Management” seminar by Chirag Mistry ➤ I have attended Seminar on Java Server Faces at J.P. Dawer institute information science technology at VNSGU, surat dated on 5th Sep,2010 ➤ I have attended AIDS awareness seminar, which was organized at Vidyabharti Trust College of BBA & BCA at Vidyabharti Pharmacy college seminar hall. Umrakh ➤ I have attended Web Hosting seminar, which was organized at Vidyabharti Trust College of BBA-BCA. Umrakh ➤ I have attended Seminar on ORACLE, which was organized at Vidyabharti Trust Institute of Technology and Research. Umrakh ➤ I have successfully attended a Seminar on ‘Mind Power’ conducted by the international trainer Mrs. Vaishali K Mahida at Vidyabharti Trust College of BBA & BCA. Umrakh.
Core Qualifications	<ul style="list-style-type: none"> ➤ Technology integration ➤ Software development ➤ Performance evaluation ➤ System analysis ➤ Software installation

	➤ IT expert
Examiner / Paper Setter / Related Examination	<ul style="list-style-type: none"> ➤ I have been appointed as examiner in BScIT 5th and 6th sem during Mar,2019 at MScIT Programm, VNSGU. ➤ I have been appointed as examiner in BCA and DCA 6th sem during Mar,2018 at BABA Saheb Ambedkar open university, Ahmedabad. ➤ I have been appointed as board of examiner, paper setter and checking of BscIT 5th semester during Oct-Nov, 2017 at MSc IT department, VNSGU, Surat. ➤ I have been appointed as examiner in BCA and DCA 6th sem during Mar,2017 at BABA Saheb Ambedkar open university, Ahmedabad. ➤ I have been appointed as practical examiner and paper checking of BscIT 6th semester during Apr-May 2016 at MSc IT department, VNSGU, Surat. ➤ I have been appointed as Paper Setter, examiner and Project Internship in External examination of BCA(honer), BScIT, B.Com(Computer Application) during Apr-May 2016 at UKA Tarsadia University,Bardoli. ➤ I have been appointed as examiner in External examination of BCA 5th semester (ASP.NET) during Oct-Nov 2015 at VNSGU, Surat. ➤ I have been appointed as Paper setter in External examination of BCA honner 4th semester during Oct-Nov 2015 at UKA Tarsadia University. ➤ I have been appointed as practical examiner of BscIT 6th semester during Oct 2015 at MSc IT department, VNSGU, Surat. ➤ I have been appointed as chairman in External examination of BScIT 5th semester during March – April 2015 at VNSGU, Surat. ➤ I have been appointed as paper setter and examiner of BScIT 5th semester during October 2015 at VNSGU, Surat. ➤ I have been appointed as project examiner of B.Com Computer Application 6th semester during March April 2015 at UKA Tarsadia University. ➤ I have been appointed as paper setter and examiner of BScIT 4th semester during March - April 2014 at VNSGU, Surat. ➤ I have been appointed as paper setter and examiner of BScIT 5th semester during October 2014 at VNSGU, Surat. ➤ I have been appointed as paper setter and examiner of BScIT 5th semester (old & new) during October 2013 at VNSGU, Surat. ➤ I have been appointed as paper setter and examiner of BScIT 4th semester during October 2013 at VNSGU, Surat. ➤ I have been appointed as project examination of MCA 6th semester during Dec 2013 at IGNOU, Surat. ➤ I have been appointed as an external examiner in COPA subject during August 2011 at ITI, Bardoli. ➤ I have been appointed as an external examiner in COPA subject during August 2010 at ITI, Bardoli.
Other Activities /Achievements	<ol style="list-style-type: none"> 1. I am running ITSirji youtube channel. 2. I have certified in Dot Net Programmer of Microsoft GIL (Gujarat Information Ltd) training and assessment on Microsoft .Net under the college to career program batch

	Aug 07 – Nov 07.	
	3. I have completed Post Graduation in Diploma Research Methodology with first class.	
	4. I have completed Orientation Program from 6/5/2013 to 2/6/2013 with obtained grade “B” in Sardar Patel University.	
	5. I have developed many website http://www.panchalengineeringworks.com http://www.panchalsamajbardoli.com http://www.realweddingcards.com http://www.jcibardoli.com http://www.mrcosmos.com , http://pcpoint.in http://www.avsarsarees.com	
	6. I have done external Training at Local Institute of Bardoli dated on 29th July, 2011.	
	7. I have passed IRDA (Insurance Regulatory Development and Authority) exam.	
	8. I have selected as a Linux Red Hat Training representing of J.P.Dawar institute of MscIT Department, VNSGU, Surat.	
	9. Excellent communication skills, highly creative, motivated and ability takes any challenge with an objective to succeed.	
	10. Team player with flexible, positive and realistic attitude	
	11. Ability to work on own initiative and deliver to specified deadlines.	
Personal Details	Date of Birth	27/03/1986
	Gender	Male
	Nationality	Indian
	Languages-Known	English, Hindi, Gujarati
	Marital Status	Married
	Hobbies/Interests	Cricket, Volleyball, Listen music, Travelling