



KHUSBU CHETANKUMAR CHAMPANERIA

Data Science 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.

PERSONAL DETAILS

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LinkedIn:
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Personal Detail:
Birthday: May 05, 1999
Gender: Female
Marital Status: Unmarried
Nationality: INDIA

EDUCATION

Information Technology, Master Of Computer Science Graduated
MCA in Information Technology April 2024
Vidyabharti Trust College of Master in Computer Application, Umrahk.–
Marks 84%
Bardoli, Surat, Gujarat
Bachelor Of Science Graduated
BSc in Mathematical April 2019
The Partidar Science Collage, Bardoli – Marks 68%
Bardoli, Surat, Gujarat

SKILL

Languages

- Python(Django/Flask)
- PHP(WordPress)
- Data Science(Python)
- C/C++
- JAVA / Android

Web Components

- HTML5
- CSS
- W3C/Bootstrap

Database

- MySQL
- SQLite
- Excel
- MS Office, Access
- Ms Word

DevelopmentTools

- PyCharm / Anaconda
- Jupyter Notebook
- Visual Studio

Research Area

- Semantic Web
- Ontology / RDF
- Machine Learning
- Image Processing
- Data Science

Database

- Database

Hardware

- Rasbarry Pi
- Arduino for IoT

Semantic Web Tools

- Protege + WebProtege + Design Ontology and RDF
- Apache Jena fuseki Server +SPARQL
- Cypher Query on Neo4j
- GraphDB + OntoRefine
- Tableau ontology integration
- WIDOCO - LOD
- Cellfie Plugin and many reasoner
- SmartLogic Semaphore

WORK EXPERIENCE

Fullstack Knowledge Graph Developer, Bonviv, Delhi	-Current
Create social ontology and integration in react from flask API plus mongodb. JSON-LD and Shacl for validation	
Full stack python Developer, Auratech, Mumbai (Google client)	March 2021
Responsibility / Role(Part Time): ODM Android Portal rewrite in Python Django and ReactJS and GraphQL API.	
1. Pharmacology Ontology(OWL), Fiverr Client	February 2021
<ul style="list-style-type: none">• Created Drug, Drug Manufacturing, Content, Disease related pharmacology ontology in protégé and uploaded on Apache Fuseki SPARQL server integration with UI in semantic web library using Flask/Python and Hosting on AWS cloud• Also develop eye ontology, diabetic ontology, hospital ontology, used Disease Ontology (DO) and many more	
1. WayToMakeMoney, USA 2. Occubly limited, UK Data Scientist, Work From Home, Fiverr Client	April 2020
Responsibility / Role(Part Time): <ul style="list-style-type: none">• Extracting large data from concern ontologies and import in new W2MM ontology using protégé and accessing via apache Jena Fuseki server with custom dashboard in python Django• Integration CRUD operation using SPARQL query in Django Python• Knowledge Graph Expert in RDF and Neo4j with Cypher Query Apply WordNet library of NLP and ML algorithm on RDF dataset	
Edvisor Company Data Scientist, Gurugram, Haryana	December 2018
Responsibility / Role(Part Time): <ul style="list-style-type: none">• Selecting features, building and optimizing classifiers using machine learning techniques• Extending company's data with third party sources of information when needed• Enhancing data collection procedures to include information that is relevant for building analytic systems• Processing, cleansing, and verifying the integrity of data used for analysis• Good applied statistics skills, such as distributions, statistical testing, regression, etc.• Excellent understanding of machine learning techniques and algorithms, such as Linear Regression, Logistic Regression, k-NN, Naive Bayes, SVM, Decision Forests, etc.• Experience with common Data science toolkits, such as Python,R, Weka, NumPy, etc. Excellence in at least one of these is highly desirable• Great communication skills, Good scripting and programming skills• Experience with data visualisation tools, such as D3.js, GGplot, etc.• Proficiency in using query languages such as SQL, NoSQL (MongoDB)• Good applied statistics skills, such as distributions, statistical testing, regression, etc.	
Vidyabharti Trust College of BCA Assistant Professor, Surat, Gujarat	July 2009 - Current

- OOP and Cmap editor

Responsibility / Role(Full Time):

- Prepared course syllabi and collaborated in writing modules for Dynamic Learning System
- Carried out an additional responsibility as the student organization's adviser for one academic year
- Encouraged students to participate in the class
- Online educator/facilitator in the Blackboard environment.
- Drafted and edited reports of the College-wide Retention sub-committee

CEO, Banan SoftInfoTech, Bardoli

Software Engineering, Bardoli, Gujarat

January 2008
-Till Date

Responsibility / Role(Part Time, Individual):

- Writing well designed, testable, efficient code by using best software development practices.
- Creating website layout/user interfaces by using standard HTML/CSS practices.
- Integrating data from various back-end services and databases.
- Core PHP, ASP.NET, JSP & Python Development
- PHP CodeIgnitor, ASP MVC, Python Django & Flask
- Android SDK JAVA and Flutter Mobile Developer

CERTIFICATION AND EXTRA CURRICULAR ACTIVITIES

- Certified in Data Scientist from IBM and Edwisor company, Gurugram, Haryana
- Certified in Python with Data Science from NPTEL
- Certified in Python Ethical Hacking from Udemey
- Certified in Python for Machine Learning from EICT, IIT Roorkee
- Certified in Tableau from Udacity
- Certified in Semantic Web from PoolParty, USA
- Certified in Semantic Web Technologies from openHPI, USA
- Certified in Web of Data (Semantic Web) from Coursera, USA
- Certified in Django and Python from Eduonix
- Certified in Data Studio from Google Academy.
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- Managing People and Events
- Peer Tutoring, Advising
- Writing, Speaking
- Long-Term Dedication
- Community Service
- Training in Unrelated Area, Team oriented and Results driven.
- Project Management, Public Relations.
- Working Efficiently.

PROJECTS

Project 1: Data Science Project from an initiative IBM

1. Cab Fare Prediction,
2. Cancer detection,
3. Predicting economic trends,
4. Predicting customer churn
5. Recommendation Engines

- Period: September 2019 – Present
- Project Type: Data Science R / Python
- Skills which are include regression, classification, clustering, scikit learn, scipy for Data analysis using descriptive analysis model is built in Python or R.

Project 2: Bike Renting (Edwisor company)

- Period: August 2019 - September 2019
- Project Type: Data Science R / Python
- The objective of this Case is to Predication of bike rental count on daily based on the environmental and seasonal settings. Introduction to the Data Set, Calculating Features, Splitting the Data Into Train and test Sets, applying Linear Regression, applying Decision Trees, applying Random Forests.

Project 3: Santander Customer Transaction Prediction (Edwisor company)

- Period: November 2018 - August 2019
- Project Type: Data Science R / Python Training
- Statistics, Predictive analysis using R and Python, RBasic, Statistics, Analytics, Matplotlib, Numpy, Pandas, Scikit-learn, NLTK, Text Mining
- Advanced Predictive Analytics Using R and Python, Supervised-Unsupervised Machine Learning, Visualization Tools (Tableau, Excel)

Project 4: Python Project

1. Face Recognized (Project Type: Image Processing)
2. Employee Leave Management System (Project Type: Django Framework)

- Period: May 2017 - November 2018
- Project URL: <https://github.com/ronupanchal>
- Development using OpenCV library, developer can capture face 30 images and store in yml file and face recognised using webcam for future used like attendance. Python Django framework with MySQL CRUD Operations

Project 5: AISHE Semantic Web Enable Ontology (Ph.D. work)

- Period: August 2016 - Current
- Project Type: Artificial Intelligent (AI) Semantic Web and Ontology
- Project URL: https://github.com/ronupanchal/AISHE_SEMANTICE_WEB
- Developed Ph.D project in domain of All India Survey of Higher Education (AISHE) using PHP, Protege, Apache Jena Fuseki, easyRDF, SPARQL, Docker, , Widoco, GraphDB, Virtual Private Server and Ontology Database.

Project 6: Ontology, RDF, SPARQL and Data Science works on Fiverr.

LANGUAGE

- English
- Hindi
- Gujarati

CAREER HIGHLIGHTS

- Data Scientist with 4+ years of experience executing data-driven solutions to increase efficiency, accuracy, and utility of internal data processing.
- Experienced at creating data regression models, using predictive data modelling, and analyzing data mining algorithms to deliver insights and implement action-oriented solutions to complex business problems.

Publications

AWARDS & HONORS

- 7th Books
- 18th Research Papers in International and National Scopus / ACM or UGC approved Journal
- Consistently ranked in the 1st of my BSc Computer Science class from 2003 to 2006.
- Published **7th Books** (DBMS, Information system and Computer Application - I, III,IV,VI, Fundamental of E-Business)
- Published 14 Research Papers in National and International Journals
- PG Recognised from Veer Narmad South Gujarat University, Surat
- Visiting faculty in IGNOU, Baba saheb ambedkar Open University (BCA and MCA Course)

DECLARATION

I, RONAKKUMAR KANTILAL PANCHAL, hereby declare that the information contained herein is true and correct to the best of my knowledge and belief.



RONAKKUMAR KANTILAL PANCHAL

BARDOLI, Gujarat

APRIL 05, 2021