Priyanshu Gandhi

Contact No: 8878625137

Email: gandhi.priyanshu@gmail.com

https://priyanshugandhi.github.io

Examination	University	Institute	Year	CPI/%
Graduation	R.G.P.V	Medi-Caps Institute of Science & Technology	2019	7.93
Intermediate/+2	C.B.S.E.	Holy Trinity School	2015	90.00
Matriculation	C.B.S.E.	Holy Trinity School	2013	9.20

EXPERIENCE

LTI | *Senior Data Engineer*   *(Aug '19 – Present)*
- Senior Data Engineer with 1.5 years of extensive experience in design and development of data analytics and warehousing solutions using business intelligence and cognitive analytics.
- Working as a Product Engineer for LTI Canvas PolarSled framework for simplifying and accelerating data-driven cloud transformation to Snowflake's data platform.
- Development of a Cloud Migration suite involving multiple accelerators for migration from on premise Data Warehouses such as Teradata, Oracle, SAP etc. to Cloud Data warehouses such as Snowflake, RedShift, Synapse and Big Query.
- Responsible for expediting the cloud journey for various customers in BFS, Healthcare, Manufacturing domain from years to months with an automation-first approach and ensuring the elimination of embedded legacy platform's technical debt.
- Implemented an Intelligent translation engine for automated legacy code translation which converts complex SQL, PL/SQL, BTEQ scripts to a cloud compatible equivalent with multiple query engine support.

Tata Consultancy Services | *Remote Intern*   *(Jun '18 – Oct'18)*
- Configured the Syslog source to collect Syslog, retrieve the Events from the Syslog & display the events.
- Worked on designing the web based GUI and developed algorithm for defining the severity of Syslog events.
- Selected for the TCS Remote Internship Program from among several candidates across multiple universities.

ThoughtClan, Bangalore | *Software Engineering Intern*   *(Jun '18 - July '18)*
- Developed a solution for identifying facial features integrated with age, gender and emotion classifier using Neural Networks.
- Implemented a Convolutional Neural Network to extract features and identification using a single data entry.
- Achieved an accuracy of 86.2 %(77% baseline) on a dataset from the over 15 classes and exposed the solution as an API for future uses.

TECHNICAL SKILLS

Programming languages: Python, Java, C/C++, Pyspark
Databases: On-Prem SQL - Teradata, MySQL, Oracle, NoSQL- MongoDB, Cloud - Snowflake, Redshift, Synapse
Packages: Pandas, Numpy, Sci-kit Learn, MatPlotLib, Scipy, Pytorch, Keras, OpenCV
Web Development: HTML, CSS, JavaScript, Jquery, Bootstrap, Spring Boot
Tools & Platforms: Git, Azure, AWS, Firebase, Apache Spark, Nifi, Pycharm, Anaconda, VSCode
Operating System: Linux, Windows
Languages Known: English (SRW), Hindi (SRW)

PUBLICATIONS

Creating Internet of Things for the benefit of Indian Society
(*Priyanshu Gandhi,* Ravi Sharma, Ankit Maheshwari)

Accepted for 11th International Conference on Communication Systems and Networks (COMSNETS) at Bangalore, India from January 7-11, 2019. (https://ieeexplore.ieee.org/abstract/document/9032716)

PROJECTS

Canvas PolarSled [(https://canvas.lntinfotech.com/lti-canvas-polarSled.html)](https://canvas.lntinfotech.com/lti-canvas-polarSled.html)
- LTI Canvas PolarSled platform addresses the core challenges of designing, accelerating, and governing a data transformation journey to cloud with an end to-end automation-led implementation/migration toolkit powered by ML-based automation tools.

Technologies Used: Python, Apache Spark, Flask, Bootstrap, Snowflake, RedShift, Azure Cognitive Services

SnowFi
- Apache Nifi based light weight solution to Ingest Data and handle CDC. Leveraging Custom Nifi processor for Auto Schema Discovery, Perform CDC on RDBMS and Streaming updates on the target. Data Lineage and Data Provenance feature ensuring guaranteed delivery of data with support on standalone as well cluster mode.

Technologies Used: Java, Apache Nifi, Teradata, Snowflake, Zookeeper, Kerbero, Talend

Med-Help
- An application that helps in diagnosis of infectious diseases, it asks a series of questions designed to emulate the thinking of an expert in the field of infectious diseases, and from the responses to these questions give a list of possible diagnoses, necessary treatment and suggests the nearest doctor in case of emergency.

Technologies Used: Python, R, Decision Tree, SVM, numpy, tensorflow, Cognitive Services, Azure ML Studio

UCEverything
- An application specifically aimed for blind people which turns their visual world into an audible experience recognizing faces, describing scene and reading text.

Technologies Used: Python, tensorflow, Azure Cognitive Services, tts, Cloud Vision API

Bus Navigator
- A web Application that gives complete information namely the bus number, bus timings, the routes through which the bus would pass, time taken for the bus to reach and the exact location of bus.

Technologies Used: Java, Google API's, Firebase, HTML, CSS, JS

ACHIEVEMENTS & SCHOLARSHIPS

- **Business Today International Conference**: Represented India globally at **the International Conference by Princeton University and Wall Street Journal in New York, USA** comprising of students from 38 different countries from an applicant pool of 2000+ students and got featured in the Wall Street Journal.
- Awarded the **brightest Engineer of India by Economic Times 2019** from among 37,000 engineers all over the country.
- **HackTheNorth, University of Waterloo, Canada**: Among top 500 candidates selected from all over the world for HackTheNorth, one of the World's biggest hackathon.
- **Microsoft Learn Partner, Microsoft**: Recognized for my contributions, passion and commitment to the program and selected as one of the Beta Tech Lead out of 10K+ MLSAs across the globe to build Microsoft communities on the campus and share the knowledge and passion for technology with their fellow students.
- **Google Tech Intern, Google India**: Selected as one of the top 30 interns from all over the country for Google Tech Intern Connect at Google Bangalore Office.
- **Summer School Intern, IISc Bangalore:** Selected among the 86 bright students from all over the country to attend the 6th Undergraduate Summer School.
- Recipient of **CSS Scholarship by MHRD** for being amongst top 1 percentile in 12th HSC Board Examination.
- **Ranked 954 out of 223,345 in Techgig CodeGladiators, one of the India's largest coding competitions.**

POSITIONS OF RESPONSIBILITY

- **Executive Member, National Service Scheme:** Created awareness on food wastage, organized volunteer drives in campus and villages. Directed street plays on plastic side effects, AIDS awareness (*C-Certificate)*
- **Vice-President, ACM, Medi-Caps University:** Conceptualized and Formulated International Conference (Springer ICANI 2018), technical talks and sessions.
- **Founder and President, MUCoders, Medi-Caps University CodeChef Chapter:** Organized programming events, competitions, workshops and invite distinguished speakers.
- **Co-Founder, MU Management Club, Medi-Caps University:** Organizing and managing all the major and minor events of the Institution. Fostering lasting ties between alumni in general management roles and current students for continued mentoring and support.