Priyanshu **Gandhi**

COMPUTER SCIENCE · SENIOR DATA ENGINEER

30, Anil Shree Nagar, Dewas(45501), M.P, India

 (+91) 8878625137 | ✉ gandhi.priyanshu@gmail.com | ⌂ priyanshugandhi.github.io | ⌨ priyanshugandhi | in priyanshu-gandhi

Work Experience

LTI - Larsen & Toubro Infotech   *Mumbai, India*

SENIOR DATA ENGINNER   *Aug. 2019 - Present*

- Senior Data Engineer with extensive experience in design and development of data analytics and warehousing solutions using business intelligence and cognitive analytics.
- Product Lead, LTI Canvas PolarSled - Developed and led the engineering efforts of LTI's flagship platform Canvas PolarSled enabling accelerated Data-driven Cloud Transformation to Snowflake Cloud Platform.
- 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.
- Played a Key role in successfully pitching "Canvas PolarSled" to 15+ clients across US, Europe and Asia-Pacific and contributing significantly towards revenue of USD 15+ million over the last one year.
- Developed a Cloud Migration suite for accelerating the cloud-based computing strategy for large banking customer helping them in rationalization, consolidation & simplification of legacy landscape enabling a cost-efficient architecture.
- 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.

ThoughtClan Technologies   *Bangalore, India*

SOFTWARE ENGINEERING INTERN   *Jan. 2018 - Aug. 2018*

- 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.

Skills

Programming Languages	Python, Java, JavaScript, C/C++, Pyspark
Web Technologies	HTML5, CSS3, XML, JSON, Ajax, jQuery, Bootstrap, Springboot, Markdown
Packages	Pandas, Numpy, Sci-kit Learn, MatPlotLib, Scipy, Pytorch, Keras, OpenCV
Databases	$Cloud$ - Snowflake, Redshift, Synapse $| On-Prem$ - Teradata, MySQL, Oracle, NoSQL- MongoDB
Platforms/Tools	Azure, AWS, Git, Apache Spark, Kafka, Airflow, Visual Studio, Vim, Maven, Anaconda

Projects

STARS Replatforming

AUTOMATION ENGINEER/ SNOWFLAKE DEVELOPER   *Nov. 2020 - Aug. 2021*

- Redesigned the STARS solution to Optimize the cost with Operations, Development, Platform utilization and Increase the operational stability and application robustness.
- Enhanced the efficiency of several accelerators in the project by adding optimizations on top of it. Implemented multithreading and multiprocessing to split data in chunks and compress in parallel which improved the performance by 20X compared to original speed.
- Developed a Data Validation component to compare the big-data(TB) across the platforms thereby automating the testing process. Added support for multiple filters, multi-select columns, batch mode validations to expedite the reconciliation.
- Identified the existing technical debts, performance gaps and applied technical fixes - Dynamically increase/decrease Warehouse size, Materialize view into table, clustering data, functional rewrite of code to meet the SLA's.

Canvas PolarSled

PRODUCT ENGINEER   *Apr. 2020 - Aug. 2020*

- Developed and engineered LTI's Flagship platform Canvas PolarSled addressing the core challenges of designing, accelerating, and governing a data transformation journey to cloud with an end to-end automation-led implementation/migration toolkit.
- Developed the PolarSled UI Flask components from scratch with REST API integrations and implemented the Backend-bindings.
- Designed and developed a Cognitive ETL solution using Apache Airflow to enable customers build design to deployment pipelines skipping the development phase.

Med-Help

DEVELOPER   *Sept. 2018 - Jan. 2019*

- Built an application that helps in digitising health records for patients and developed a digital prescription platform for doctors and clinics. The primary objective was to centralize the health record system.
- Application 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.

UCEverything

Developer   *Sept. 2018 - Sept. 2018*

- An application specifically aimed for blind people which turns their visual world into an audible experience recognizing faces, describing scene and reading text. Developed as a part of an International Hackathon where we ended up at 6th position out of 220 participant teams.

Bus Navigator

Developer   *Dec. 2018 - March. 2018*

- Developed a solution to solve the problem of bus navigation and tracking within the college. 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.

Education

Medi-Caps University of Science & Technology (RGPV Univesity)   *Indore, India*

B.E. in Computer Science and Engineering (CGPA: 7.93)   *2015 - 2019*

Holy Trinity School (CBSE)   *Dewas, India*

XII Pcm (Percentage: 90 %)

X (CGPA: 9.2)   *2002 - 2015*

Publications

Creating Internet of Things for the benefit of Indian Society   *Chennai, India*

- P. Gandhi, R. Sharma and A. Maheshwari, "Creating Internet of Things for the Benefit of Indian Society" 2019 International Conference on Wireless Communications Signal Processing and Networking (WiSPNET), 2019, pp. 35-40.

Achievements and Leadership

- **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+ MLPs 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 Connect, 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 6 days summer event. The summer school contained talks, demos, and hands-on sessions on theoretical and applied aspects of computer science by the institute faculty, research scholars and industry experts.
- Recipient of **CSS Scholarship by MHRD** for being amongst top 1 percentile in 12th HSC Board Examination.