INDRANI BISWAS

Female, 27 Years
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Professional Summary

5+ years of experience in software industry which includes mainframe migration, automation and Web Development. An Infosys certified Agile practitioner and an Open source contributor who believes in lifelong learning. Always on watch and ready to skill up proactively as per organizational needs. Decision making and enthusiasm are the keys that helps me to learn and grow in my professional career.

Technical Proficiency

Programming and Query Languages	Python, SQL, HTML
Web technologies	Django, RESTful API, Bootstrap, CSS, Django RestFramework
Databases and Servers	PostgreSQL, SQLite3, Gunicorn
Libraries and Platforms	Pandas, NLP, Tkinter, Matplotlib, NumPy, Seaborn, Beautiful soup, Anaconda, openPyXL, Spacy
Tools	git, VS Code, Jupyter, Heroku, PyCharm, Changeman, Endevor

Experience

Infosys Limited

Role: Technology Analyst   **Duration:** May 2018 – Current

Web Development

Currently engaged in the development of a web portal. This product will serve as a repository for all ideation and prototype submissions across the client branches present globally. Any hackathon or Competitive event can leverage the vast pool of resources available onto the portal. Being a server side rendered app, day to day activity involves around technologies like Django, PostgresQL, Bootstrap, HTML and git.

Process automation & Data migration

Started as a prototype and self starter project, which was approved by the client and later on integrated to the ongoing project as a billable requirement. Purpose of this automation was to reduce the manual tasks for developers as they frequently download policy files from mainframes, compare them through excel sheets and generate the diff as a report. This tool was curated with Python libraries like openpyxl and pandas to parse, clean and generate the report in a non-tangible way to make the data loading bug-free.

Before the automation i was involved in migration of data from a policy administration system of mainframe platform to other relational databases. Altogether there were eight applications, including the one which was owned by me for which mainframe workload is being shifted to Oracle DB. It involved writing extraction code in COBOL, testing and feeding the migrated data into the database.

Cognizant Technology Solutions

Role: Programmer Analyst   **Duration:** January 2015 – May 2018

Application development and maintenance

Cognizant decided to co-source one of its Commercial Lines subsidiaries- Rate, Quote and Policy Issuing (QRI) to Cognizant. QRI Applications perform the upstream functions of Commercial Lines of Business which includes Quoting, Rating, Issuing, Underwriting and Policy Admin Workers Compensation policies. It is a Policy Administration System and can be divided into three categories Native front-end, Rating and Issue Completion. I have worked on Rating and issue completion which involves technologies like COBOL, JCL and SQL Server.

Education

Qualification	Institute	Marks	Year
Bachelor of Technology	Dr. B. C. Roy Engineering College	7.89 (CGPA)	2014
Class XII (CBSE)	Hem Sheela Model School	90%	2010
Class X (CBSE)	Hem Sheela Model School	82%	2008

Work Sample

COVID-19 Data Analysis

COVID-19 pandemic has hit hard in the past couple of weeks and its impact has been notorious both from a sanitary perspective and an economic one. Plenty has been written about it, especially statistical reports on its exponential growth and the importance of "flattening the curve". Through this project i wanted to help raise awareness of the issues associated with the spread of COVID-19 by making a dynamic and interactive analysis of the situation using Python and Data Science. URL: https://github.com/biswain2309/Data-Science-Projects

Articlyzer

This was one of the first Django app developed by me. Whole purpose of the app is to consume an article and spit out some useful stats such as total number of words, most frequent words and total time to read the article. This is deployed on Heroku. You can visit the site here: **http://articlyzer-project.herokuapp.com/**

Achievements

- Python in Machine Learning Foundation, IIT Roorkee. url - https://eict.iitr.ac.in/cert/cloudxlab/jpg/cert-6XFXR.jpg
- Web Development with Django, Udemy. url - http://ude.my/UC-7add15e1-4b5f-4061-9584-240136378118
- Contributed towards open source communities during **Hacktoberfest'19** presented by **Digital Ocean** and **Dev.to**.
- Insta Award – April' 19 by Insurance-ADM Team, Infosys.
- Sparkle Award winner – Nov'17 by AVM Talent Management Team, Cognizant.