(+91) 9584402748
priyakoshta@yahoo.com
www.linkedin.com/in/pkoshta

PRIYA KOSHTA

Jabalpur, Madhya Pradesh
India, PIN-482002

EMPLOYMENT

Data Scientist	**KredX**	**July 2020 - Present**

- Developed a framework for detecting Trend in Cash Flows using Spearman's Rank Correlation with 74% accuracy hence providing a statistically significant and unbiased alternative to the Risk Team's manual method
- Helped the Marketing Team shortlist data points to be collected for auto-segmentation of leads so as to target and prioritise action on high probability leads.

Software Development Engineer	**KredX**	**Feb 2019 - June 2020**

- Developed an automated risk rule engine to help the Risk team with their decision making during customer onboarding hence eliminating cost to employ a Risk Analyst for the same work.
- Independently refractored connect micro-service to enable our customers request and process loans in automated way, thus reducing time for overall process from 3 days to less than an hour

Software Engineer	**CreditVidya**	**Jan 2018 - Oct 2018**

- Researched upon the alternatives to MongoDb. Suggested replacing it with HBase, which enabled scaling from 4 req/sec to 10 req/sec in production.Was actively involved in all supporting developments.
- Contributed to productionalize AI based income model - a salary estimator that enables lenders to assess a customer's loan repayment ability, thereby decreasing lenders' drop off from CreditVidya platform.

Associate Engineer	**TEKsystems**	**July 2016 - Nov 2017**

- Integrated Twitter to Salesforce using Mulesoft for Customer Reviews Tracking.
- Developed and maintained SCEA integration projects using OSB

Languages and Technologies

- **Proficient :** Python | Data Structures and ALgorithms | Machine Learning | SQL | Django | Pandas | Jira
- **Familiar   :** Java | C++ | Deep Learning | NLP | Time Series Analysis | GitHub | GithubActions | AWS

EDUCATION

Bhopal, India	**LNCT**	**Sept 2012 - June 2016**

- B.E. in Computer Science and Engineering. CGPA: 8.67/10
- Main coursework: Data Structures, Analysis and Design of Algorithms, Operating Systems, Software Engineering, Theory of Computation, Probability and Statistics

PERSONAL PROJECTS

- Created a Book Recommender System using K-nearest neighbours, that recommends books similar to a given book.
- Performed analysis on hotel reviews submitted by customer on a travel site to predict whether a customer was happy or not with the services

ACHIEVEMENTS AND RESPONSIBILITIES

- Got Individual Extra Miller Award twice in KredX, one given for single handedly making an unserviceable project live again.
- Gold Badge (5 stars) in SQL and Problem Solving, HackerRank
- Mentored School Students for a month long Internship with KredX during Covid19