

Jasmeen Kaur

Developer | Researcher

Jasmeen Kaur is a tenacious, hard working and extremely focused person who is seeking an opportunity to work in an innovation space which encourages innovation through digital technologies, by identifying exact user pain points, and offers growth opportunities and positive environment for accomplishing projects. Sound knowledge in statistics and data science.

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PROFESSIONAL EXPERIENCE

Developer and Researcher Firststep

08/2020 - Present

Firststep is a product based matrimonial startup, working towards filling the gap between Indian matrimony system and users.

Achievements/Tasks

- **Equity Holder in Startup:** Worked as a Developer and Researcher with the problem statement "Minimizing Gap between Indian Matrimony and Market" with the aim to provide platform for Marriage Seekers to connect directly and enhance the entire market experience through the intervention of technology.
- **Impact Generated:** Successfully Increased the App download from 48k to 50k+. Increased Retention Rate of App from 9% to 12%. Got promoted from Jr. Developer to Sr. Developer in 10 months of my joining date.
- **Communities Classification Model using BERT:** Developed end to end use-case integrated with predictive algorithm to map different Indian communities to their underlying Religion. Used Flutter for frontend and flask api for backend. Tensorflow is used to make model.
- **Data Analysis & A/B Testing:** Fetched data from Google Analytics and analysed the data to fetch insights from the data. Used Tableau to visualize the data. Performed A/B Testing to know which feature is more likely to increase retention rate in Android App.
- **Handling Prod and Dev Server:** Responsible for performing deployment on both Dev & Production Server on AWS with the help of version control tools like Git.
- **Design and Implementation of REST APIs:** Design database tables in SQL and implemented the REST APIs for new features.

EDUCATION

Btech in Computer Science and Engineering Guru Nanak Dev University, Amritsar

05/2016 - 05/2020

Amritsar, Punjab

Achievements

- CGPA -9.17

Higher School Study

Ajit Vidyalay Senior Secondary School

04/2015 - 05/2016

Achievements

- Marks- 92.13%.
- Merit in State.

SKILLS

Python

Machine Learning

AWS

Deep Learning

NLP

Flask

FastApi

Tableau

SQL

Flutter

Android

Git

Java

Google Analytics

Predictive Modeling

PERSONAL PROJECTS

Sentiment Analysis using BERT (10/2022 - 11/2022)

- Performed sentiment analysis, Built NLP BERT model using Transformers library & PyTorch, to predict sentiments of a sentence. Used various libraries like pandas, numpy and NLTK toolkit to preprocess the text data.

Apparent Temperature Detection using Regression (09/2022 - 09/2022)

- Built a scalable predictive model that predicts Apparent temperature with weatherHistory data. Visualize the data pattern and insights. Trained the data on different linear regression models and achieved the accuracy of 96%.

IBM Data Science Capstone Project (10/2022 - 11/2022)

- Use web-scraping library BeautifulSoup and analyze the SpaceX Falcon First launch dataset.
- Done Exploratory Data Analysis on SpaceX Falcon First launch Dataset. Used matplotlib to plot the patterns and relationships between Target Variable and Independent Variables.
- Link of the project- <https://github.com/jasmeen848/data-science-capstone>.

ACHIEVEMENTS

Hackerrank 5* Coder

Participated in ACM-ICPC 2020 with a team of 3 members.

Participated in Google KICKSTART coding competition

LANGUAGES

English

Full Professional Proficiency

Hindi

Full Professional Proficiency

INTERESTS

Competitive Coding

Machine Learning & AI

Data Structures and Algorithms

Movies