

DARSHAN MAJITHIYA

Data Scientist & Passionate Engineer

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EXPERIENCE

Data Scientist

Searce Inc

📅 Sept 2019 - Present 📍 Pune, Maharashtra

- Built a Session-based Recommendation Engine using Apriori Algorithm for e-commerce platform based on Historical and Streaming Click-stream data to provide real-time recommendations using AWS Lambda, EC2, DynamoDB, and Redshift. This boosted CTR by 11%. 🔗
- Led the Team to develop end-to-end Video Transcription Web Service on top of Google Cloud's Speech-to-text API. The output of this service was fed into models deployed on AI Platform for analysis.
- Built a Subscription Plan Prediction Model using XGBClassifier for a cloud-based video editing platform using click-stream data with 3000+ columns and deployed it on AI Platform. Performed Data Preparation tasks using Dataflow and SQL. Orchestrated the end-to-end model pipeline using Cloud Composer. 🔗
- Built a Scrap Classifier PoC using Mask R-CNN. Currently, working on Production road-map.
- Architected Data Solutions on GCP using Dataflow, Cloud Composer, AI Platform, BigQuery, Cloud Functions, and App Engine.
- Other responsibilities included - Handling Technical Discussions, Conducting Workshops, and SOWs for Onboarding new clients.

Software Engineer Trainee

Searce Inc

📅 July 2019 - Sept 2019 📍 Pune, Maharashtra

- Assisted the team in building a chatbot using Google Cloud's DialogFlow. Developed webhooks to handle dynamic requests and deployed them on App Engine Standard.
- Coded various Data Cleaning functions using Pandas.
- Deployed Model APIs on AWS Lambda.

Backend Web Development Intern

JDM IT Solutions

📅 June 2018 - Sept 2018 📍 Vadodara, Gujarat

- Designed Developed Database and various modules of Admin Dashboard for an e-commerce platform using CakePHP 3.6 framework, jQuery, MySQL, and Bootstrap.

TECHNICAL SKILLS

Proficient At

Python SQL TensorFlow scikit-learn Pandas NumPy
Machine Learning Deep Learning MLOps GCP AWS

Experimented With

Web Scraping Web Development Shell Scripting Flask
Apache Airflow Apache Beam Git

ABOUT ME

Engineer with a focus on helping businesses to create data-driven impact. 2+ Years of experience in building robust ML Applications on GCP / AWS. Cloud and Data problems excite me.

PROJECTS

Maximize Conversion Rate using A/B Testing and ML 🔗

- Built a Logistic Regression model to predict the version a user will most likely convert on using A/B Testing Data.
- Designed the roll-out strategy.

Sequential Sentence Classification

- Built a BiLSTM model using token, character, and positional embeddings to classify the medical research paper abstracts.
- It was built using PubMed 200k RCT Dataset.

Video Subtitles Generator 🔗

- Developed a solution to generate .SRT file for videos using Google Cloud's Speech-to-Text API.

Instagram Scraper 🔗

- Developed a solution to scrap images and captions from Instagram using Selenium and BeautifulSoup.

EDUCATION

B.E. in Information Technology

Gujarat Technological University

📅 May 2019 📍 Anand, Gujarat

CGPA - 7.53

CERTIFICATIONS

- Google Cloud Professional Data Engineer
- Google Cloud Associate Cloud Engineer