PRAKHAR GARG

Data Engineer

📞 (214) - 223 - 5039 @ Prakharg105@gmail.com % Prakhargarg.com

📍 Seattle, WA

EXPERIENCE

Data Engineer

NBC News Digital Business Intelligence

📅 07/2019 - Ongoing 📍 Seattle, WA

- Created high throughput, reliable data pipelines using **Airflow, API Gateway, EC2 Instances, Lambdas, Kafka Streams, and ETL Glue Jobs** to process thousands of unstructured rows a second into **S3** and **Athena**
- Created dashboards and **SQL** queries in **Looker** to analyze data across Athena tables and provide company insights for the Leadership team
- Created realtime streaming pipelines to analyze traffic and trends to the **last 2 minutes**
- Created data audits and alerts to keep the **Data Lake** healthy
- Built in-house solutions for the e-commerce team to collect and analyze affiliate data and save the company **$500K yearly** in third party partnerships

Front-End Engineer

NBC News Digital Web

📅 01/2019 - 07/2019 📍 New York, NY

- Worked with an agile team of 12 members and QA to maintain and update sites with hundreds of thousands of daily visitors
- Contributed to the continuous development and daily release of nbcnews.com, today.com, and msnbc.com
- Initiated a discussion between the engineering and design team to build a better user experience using article skeletons and batch loading

Software Engineer

Comcast XD Prototype

📅 07/2018 - 01/2019 📍 Philadelphia, PA

- Built and prototyped the next generation of the Xfinity platform in **React**
- Ran and analyzed the data from monthly user tests over the Xfinity platform to increase user satisfaction by %4
- Built the Xfinity Home prototype to control smart devices around the house using voice

Full-Stack Engineer

Comcast Labs

📅 08/2017 - 07/2018 📍 Denver, Colorado

- Prototyped a smart home controlled through an **EEG** headset to allow patients with **ALS** a way to control their surroundings and regain independence
- Prototyped an Augmented Reality app using AR glasses to allow technicians to be hands free when on site and improve safety
- Used Apple's Turi Create to develop an Object Detection iOS app to allow technicians in head ends to scan and log machines and save Comcast $10M a year
- Mentored and recruited start ups through the Boomtown incubator

SKILLS

Stream/Batch Data Processing

Parquet ETL   Airflow   Python   JS

SQL   React   Kafka   Data Lakes

AWS   Serverless   Looker

Schema-less Data

EDUCATION

B.S Computer Science

The University of Texas at Austin

📅 06/2017

INVOLVEMENT

Class of 2019

Comcast CORE Technology

📅 07/2017 - 07/2019

Intensive two year rotational program focused on Software Engineering across the organization of Comcast|NBCUniversal. Consists of one 1 year rotation followed by two 6 month rotations

Class of 2016 Fellow

Xtern

📅 05/2016 - 2016

Tech fellowship based in Indianapolis where fellows develop with local start-ups, and learn how to impact their local communities

PASSIONS

❤️ Creating accessible, intuitive systems that solve real-world problems

🤝 Building strong, local communities and creating environments that foster creativity and individual growth

FIND ME ONLINE

in **LinkedIn**
linkedin.com/in/prakhar-garg-62ab028a

GitHub
github.com/prakhargarg