

Prakhar Srivastava

www.linkedin.com/in/prakhar-srivastava-b14lko/

Email : mail:prasri510@gmail.com

Mobile : +91 9873851094

EDUCATION

- **JSS ACADEMY OF TECHNICAL EDUCATION, NOIDA** UP, India
B.Tech CSE; GPA: 8.2/10 Aug. 2014 – July. 2018

EXPERIENCE

- **Walmart Global Tech India** Bengaluru, Karnataka, India
Senior Software Engineer Aug 2022 - Present
 - **Tensorflow**: TensorFlow is an open source software library for numerical computation using data flow graphs; primarily used for training deep learning models.
 - **Apache Beam**: Apache Beam is a unified model for defining both batch and streaming data-parallel processing pipelines, as well as a set of language-specific SDKs for constructing pipelines and runners.
- **Paytm** Noida, India
Senior Software Engineer May 2021 - Aug 2022
 - **Notifications**: Service for sending email, push and in-app notifications. Involved in features such as delivery time optimization, tracking, queuing and A/B testing. Built an internal app to run batch campaigns for marketing etc.
 - **Nostos**: Bulk data processing and injection service from Hadoop to Cassandra and provides a thin REST layer on top for serving offline computed data online.
 - **Workflows**: Dataduct an open source workflow framework to create and manage data pipelines leveraging reusable patterns to expedite developer productivity.
 - **Data Collection**: Designed the internal survey and crowd sourcing platform which allowed for creating various tasks for crowd sourcing or embedding surveys across the Coursera platform.
 - **Dev Environment**: Analytics environment based on docker and AWS, standardized the python and R dependencies. Wrote the core libraries that are shared by all data scientists.
 - **Data Warehousing**: Setup, schema design and management of Amazon Redshift. Built an internal app for access to the data using a web interface. Dataduct integration for daily ETL injection into Redshift.
 - **Recommendations**: Core service for all recommendation systems at Coursera, currently used on the homepage and throughout the content discovery process. Worked on both offline training and online serving.
 - **Content Discovery**: Improved content discovery by building a new onboarding experience on coursera. Using this to personalize the search and browse experience. Also worked on ranking and indexing improvements.
 - **Course Dashboards**: Instructor dashboards and learner surveying tools, which helped instructors run their class better by providing data on Assignments and Learner Activity.
- **Clearwater Analytics** NOIDA, India
Software Development Engineer Feb 2020 - May 2021
 - **Portfolio Management**: Created models for portfolio hedging, portfolio optimization and price forecasting. Also creating a strategy backtesting engine used for simulating and backtesting strategies.
 - **QuantDesk**: Python backend for a web application used by hedge fund managers for portfolio management.
- **Qualitest** NOIDA, India
Software Engineer Jun 2018 - Feb 2020
 - **Portfolio Management**: Created models for portfolio hedging, portfolio optimization and price forecasting. Also creating a strategy backtesting engine used for simulating and backtesting strategies.
 - **QuantDesk**: Python backend for a web application used by hedge fund managers for portfolio management.

PROJECTS

- **QuantSoftware Toolkit**: Open source python library for financial data analysis and machine learning for finance.
- **Github Visualization**: Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System**: Music and Movie recommender systems using collaborative filtering on public datasets.

PROGRAMMING SKILLS

- **Languages**: JAVA, Scala, Kotlin, C++, Python, SQL **Technologies**: Spring boot, Play, Akka, Kafka, GCP, DynamoDb, ElasticSearch, Solr, Redis, Apache Hive, Apache Spark, Presto, Docker, Swagger, Git, Junit, Jmeter