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Links

github/arujit-pradhan
stackoverflow/arujit
linkedin/arujit-pradhan
twitter/arujit

Programming Languages

Scala/JAVA ★★★★★
Python ★★★★★
GoLang ★★★★★
C/C++ ★★★★★
HTML/CSS/JS ★★★★★

Frameworks/ Technologies

Streaming Ecosystem
Batching Ecosystem
Kubernetes/Docker
Message Queues
Play/CherryPy
Python/Bash
Influx/Kapacitor
Postgres/Dynamo
Terraform/Chef
AWS/GCP
Numpy/Scikit-learn

Editors

VSCode ★★★★★
Emacs ★★★★★
IntelliJ ★★★★★

Interests

Big Data
Platform/Devops
Algorithms/DS
ML/Data Science
Reading/blogging
Quizzing
Movies and Music

Arujit Pradhan

Software Engineer

Introduction

Junior Software Engineer building Applications for Data since day one. Passionate about Open Source, Distributed Systems, Software Architecture and Clean code.

Experience

Product Engineer, Data Streaming

Gojek | 8/19 - now

Daggers Added multiple complex features to in-house Flink based Streaming platform like Post-processors, *tick* based monitoring-alerting, Bigtable state back-end (*longbow*). Built *thor*, a cli for Data back-end systems and a git-based configuration manager for daggers. Helped in setting up a Integration+Smoke Testing framework.

Firehose Added multiple features to in-house Kafka multi-sink like Redis Cluster + Influx sink, JSON request body in HTTP Sink for protobuf, improved logging and sidecar based monitoring using influxReporter.

Data Infrastructure Maintained/upgraded multiple Kube base cloud data infrastructure.

Software Engineer, Data Platform

Goibibo | 6/18 - 8/19

Go-Memory Built a real time user profiling Database using DynamoDB and *kafka-streams* for one of the biggest travel apps in India to provide details of any user to any systems in less than 200ms. A continuous integration testing framework and a lightweight web API serving user penalisation Data on top of it.

KShift Improved legacy application *Kshift* a kafka to *Redshift/S3* ETL tool which was key to S3 based Data warehousing and Lake.

Data Infrastructure Helped in implementing of *S3 + Delta* based Data warehouse and migration from Redshift. Handled and continuously enhanced/monitored all Data infrastructures like *Kafka*, *Yarn*, *Airflow* and all AWS Data services used. Established a fault tolerant CDC pipeline on *Debezium* for change-logs in production Databases.

Data Science Intern

Medcords | 5/17 - 7/17

Built a OCR module and a GAN based data generation module for medical reports. Worked on ML models for predicting patient conditions from his medical reports.

Remote Developer

The Social Street | Kepi.ai | 11/16 - 5/17

Contributed to ML modules for a cc-TV camera software. Worked on end-to-end vehicle detection and tracking algorithms for a Traffic Assistance IOS app.

Summer Internships

IIT Bhubaneswar | Cognitivescale | 4/16 - 7/16

Built a location fetching Micro-Service. Worked on of image Detection techniques to classify disease in plants.

Coding Club and Data Science Club, NIT Silchar

NIT Silchar | 6/14 - 4/18

Was an active member of NITS Coding Club and founded Data Science Club.

Education

B.Tech, Computer Science and Engineering

NIT Silchar, Assam, India

CGPA : 7.94 || DS, Algorithm, OOP, Operating Systems, DBMS, Automata, Compiler Design
Title of the Thesis: "Vehicle Detection Using HOG/SVG and tracking in live video".

Schooling

FM College | BZS, Balasore, India

Higher Secondary : Percentage Score: 85 || Maths, Physics, Chemistry, Biology

Secondary : Percentage Score: 93.5 || Maths, Physics, Chemistry, Biology, Social studies