Tushar Kumar

Software Engineer

I am a knowlege thirsty Software Engineer. I have worked on various projects which use various technologies and trends. I try to be very flexible for new technologies and I am eager to learn and master them. I believe in Simplicity. Scalability and optimization are my first priority while designing and implementing software.

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Bangalore, India ⚲

Platform for Colender interaction
04/2019 - Present

- Created webhook endpoint in **Java** and used **Kafka** to handle requests given the async nature of data flow.
- Created data pipeline in **Java** to publish agreement doc pdf for end user consumption.

Loan origination system and Loans document Management Platform
02/2019 - 04/2019

- Data pipeline in **Java** to fetch and store files from UI to amazon S3.
- Auth UI in **Angular** to access loan application system.

Birla Institute of Technology, Mesra ↗
08/2013 - 06/2017   *First Class with Distinction*

Platform for General Insurer
08/2018 - 02/2019

- Created data pipeline in **Rust** for location access of phone stores.
- Created UI in **Elm Lang** with a multitude of features for field agents and assessors to inspect vehicles highly optimal for mobile devices.
- Created DB schema (postgresql), data pipeline and mathematical logic in **Rust** to store image data as co-ordinates of original image to reduce load to 25% on network, server and handheld devices.

Stock Price Predicion on Ensemble Learning Model
08/2016 - 12/2016

- Performed Linera Regression using **TensorFlow framework** on pre-processed data by clustering algorithm into time interval clusters.

Vehicle detection in video data stream
02/2017 - 5/2017

- Used Haar-based classification using **openCV** library in **C++**.

Workflow management tool for Software Development
12/2017 - 07/2018

- Worked on making Data Store in **Django** for which the company earlier relied on JIRA.
- Worked on features on UI on **Angular** and **React** (For cloud and server respectively).

Loan Insurance Platform for Life Insurer
09/2017 - 12/2017

- Made system exposing APIs in **Django** for various stages of webapp as a separate microservice.

Web Platform for Airline Company
07/2017 - 19/2017

- Made dynamic scalable UI in **React** delivering features required by an airline company