

Tushar Kumar

Software Engineer

I am a knowledge 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 📍

Work Experience

LendingKart Technologies Pvt. Ltd.

02/2019 - Present

A fin-tech company in the working capital space.

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.

Kuliza Technologies Pvt. Ltd.

07/2017 - 02/2019

Digital Transformation Partner for Financial Enterprises

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.

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

SKILLS

Python/Django

Java

C++

SQL

React.js/Angular(2+)

Rust

Elm

CSS/SCSS

PERSONAL PROJECTS

Stock Price Prediction on Ensemble Learning Model

08/2016 - 12/2016

- Performed Linear 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++.

Education

Bachelor of Engineering
Computer Science and Engineering

Birla Institute of Technology, Mesra 📄

08/2013 - 06/2017

First Class with Distinction

INTERESTS

Sketching

Quantum Physics

Cooking

Cycling

Photography

