



# Tushar Mishra

## Software Development Engineer

I aspire to pursue a challenging career and be a part of a progressive organization that gives scope to enhance my knowledge and skills while doing promising and productive work especially in the field of Machine Learning and Open Source Technologies.



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tusharmishra.in ,  
blog.tusharmishra.in



github.com/tmess567

## SKILLS

Data Pre-processing

Web Development

Android App Dev

## LANGUAGES

Python



Java



HTML CSS JS (Font-end)



Node JS



SQL , NoSQL



## INTERESTS

Machine Learning

Big Data

IOT

Automation

## WORK EXPERIENCE

### Software Development Engineer

#### Amazon India

02/2017 – Present

Hyderabad, Telangana - India

##### Achievements/Tasks

- Setup data preparation and preprocessing for Forecasting Models on shipment forecast data.
- Created pipeline and front-end for visualizing live data using AWS Redshift and Tableau.
- Created an approval service to allow users to create and release a commitment to the vendor.
- Automated alarm setup for Dynamo DB usage in AWS based on till date usage of resources.
- Automated collection and visualization of Tickets for OnCall meetings for 15 teams.

Contact: Susheel Kumar - Software Development Manager – susheelz@amazon.com

### The Apache Software Foundation

#### Google Summer of Code

05/2016 – 08/2016

Lucknow, UP - India

Worked as an intern for the Apache Syncope project - Managing digital identities in enterprise environments

##### Achievements/Tasks

- Built an Eclipse Plugin to allow user to view and edit Mail Templates and Report Templates
- Also created a Netbeans Plugin for the same
- Contributed to the documentation

Contact: Francesco Chicchiricò - Project Management Committee Chairman – ilgrosso@apache.org

## OTHER PROJECTS

### Voice Based Query Interface for Database (B. Tech Major Project) (05/2016 – 12/2016)

- An engine that converts user's natural language question into a database compliant query.
- Written in Java, this service addressed the problem of synthesizing programs based on an underlying DSL (domain specific language) from NL(natural language).

### Porting Ubuntu Touch to a Mobile Device (B. Tech Minor Project) (09/2015 – 03/2016)

- Ubuntu Touch is the touch-friendly mobile version of the Ubuntu Operating System. ubports.com
- Managed and integrated some low level libraries of android such as Alsa audio to modify and compile Ubuntu Touch to work on the One Plus One Android Phone.

### Website and Android Stack for Rentflees (05/2016 – 07/2016)

- Rentflees provides online renting solutions for major cities in India.
- Created a complete stack using NodeJS and MongoDB - <https://github.com/tmess567/rentflees>

### Android Application for HelpMatez (Discontinued) (09/2015 – 03/2016)

- Helpmatez is a startup that provides affordable services to users such as home cleaning and repairs.
- Created an Android App that allows users to look for services available and book them.

## EDUCATION

### B. Tech

#### University of Petroleum and Energy Studies (UPES)

08/2013 – 04/2017

3.51 / 4 CGPA

##### Courses

- Computer Science (Specialization in Open Source and Standard)