



# Praveen Yadav

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HackerRank: <https://www.hackerrank.com/inventthenext>

GitHub: <https://github.com/fnc11/>

## SUMMARY

Experienced Software Engineer with a demonstrated history of working in different cultural environments. Worked in Python, C++, and Java languages, currently doing Masters in RWTH Aachen, Germany. Looking for roles in the field of Data Science, Machine Learning, Computer Vision, etc.

## WORK EXPERIENCE

**Institut für Kraftfahrzeugeearch, Aachen** *April 2019 - April 2020*

### Software Engineer(Hiwi)

- QNAP server setup for storing vehicle's sensor data files.
- Implemented open source project Bag-Database as a web interface.
- Added Spring-Boot and other features like LDAP login system, user action restrictions, and pre-defined tags to files.

**Samsung Research Institute, Noida(India)** *July 2016 - August 2018*

### Software Engineer - I

- Providing solutions for System UI, especially on the Android platform.
- Mainly working on QuickPanel and Notifications, providing solutions for behavioral and aesthetical changes, according to the UX guidelines.
- Collaborated with HQ on flagship models during Business Trips to South Korea.

## EDUCATION

**MSc(Media Informatics)** (4th Semester) *Oct 2018 – Present*  
**RWTH Aachen**

**B.Tech (CSE)** *July 2012 – May 2016*  
**IIT(ISM), Dhanbad(India)**  
CGPA: 7.6

**XII, Non-Medical** *April 2010 – May 2011*  
**Kapil Vidya Mandir Sr. Sec. School**  
79.2%

## COLLEGE PROJECTS

### FuzzyMinerWeb

*April 2020 – On Going*

#### Process Discovery Algorithm

A python package to discover fuzzy processes, can be used standalone or with a Web application (Django Framework).

**Responsibilities:** Managing the whole project, backend and frontend tasks to meet deadlines. Writing efficient algorithms to extract information out of log objects and implementing different filters.

### FoxSearch

*August 2014 – February 2015*

#### Transliterated Query Search Engine

A web application for transliterated queries developed on the Django platform.

**Responsibilities:** App designing, server-side programming in python, understanding, and implementation on MVT framework Django.

### PARTM

*July 2013 – December 2014*

#### Popular Acronym Retrieval through Text Messaging

Designed for low-cost mobile phones having the text-only messaging facility.

**Responsibilities:** Whole System Design and incorporating different string matching related algorithms like EditDistance and Anagram techniques in Java.

## PUBLICATIONS

**Publisher:** ACM New York, NY, USA ©2015

**Conf:** FIRE (Forum for Information Retrieval Evaluation) *December 2014*

**Project:** PARTM (Popular Acronym Retrieval through Text Messaging)

**Document URL:** <http://dx.doi.org/10.1145/2824864.2824889>

## ACCOMPLISHMENTS

- Got 320/340 marks in GRE(Graduate Record Examination) 2017.
- Received Kudos Award 2017 for a wonderful contribution to the SystemUI team at Samsung.
- Secured 11034 Rank in IIT-JEE 2012 and 7355 Rank in AIEEE 2012, among top 2.2% and 1.4% candidate appeared respectively.

## TECH SKILLS

**Programming:** Python, C++, and Java.

**Worked on Platform:** Spring, Android, Django.

**Other Skills:** Git(VCS), Linux(Ubuntu), Postgres(Basic), MySQL(Basic).

**ML and DS Field:** Finished Data Science and ML courses.

## INTERESTS

Data Science, Machine Learning, Distributed Systems, Human-Computer Interaction, Computer Vision, Process Mining, Python Programming, etc.