Bangalore
India

ASHISH GUPTA
B. Tech, IIT ROORKEE

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TECHNICAL SKILL SET

Courses Taken	**Data Structures** (University of California, San Diego, Coursera)
	Algorithmic Toolbox (University of California, San Diego, Coursera)
	Machine Learning (Stanford University, Andrew Ng Coursera, Coursera)
	Machine Learning Basic Nano Degree (Udacity)
	Design Patterns
GitHub Link	https://github.com/fakemonk1
Technologies	**Java**, J2EE, Java Streams, Spring Boot, Spring Data, JPA, Hibernate, RESTful Web Services, Web Sockets, **Python, Pandas, Numpy, Matplotlib**
Data-Base Technologies	Oracle, MySQL, MS SQL Server, PostgreSQL, Sybase, Cassandra
Certifications	Java SE 6 Programmer Certified Professional
Search Engines	ElasticSearch, Lucene
Messaging Queues	Hazelcast, Redis
Cloud	Amazon Web Services (EC2, Elastic Beanstalk, S3)
Additional Experience	GIT, GitHub, Agile Methodologies, Jenkins, Continuous Integration

EMPLOYMENT

SDE-II   **Flipkart**   **July 2017 – to Date**
- Part of the Customer Experience Team which is takes care of the post order experience of the user and Currently responsible for development of Order Confirmation, Order Details and MyOrder Page APIs which are currently service 500 qps load.
- **For Machine Learning skill enhancement**, I simultaneously worked on 2 Projects on Udacity which involved working on real data. In the first one, I applied **supervised learning techniques** on data collected for the U.S. census to help CharityML to identify people most likely to donate to their cause. Second project was to **cluster Customers** of a wholesaler in to meaningful segments.
- Responsible for architecture, design and implementation of new initiatives (Grocery Integrations, WhatApp integration etc.) in Flipkart

Senior Software Engineer   **Rokitt Inc.**   **May 2015 – June 2017**
- Involved in the development of ROKITT ASTRA, which is a **data discovery software** tool that enables companies to discover information about its data and data relationships among multiple databases up to 90%+ accuracy through **Machine Learning Classification algorithms**
- Worked closely with business leaders in rapid prototyping, conceptualization and **from scratch** development of ToFrom, a travel platform which gives users the ability to search, book pay for flights and hotels. Handled Flights team in ToFrom and Integrated the system with to get the real-time Flight's data from the GDS (Global Distribution Systems) like Galileo & TBO. **Built Chat bot using NLP** to find out the customer intent and hit the search query to show the relevant results to user's search query

Senior Software Developer   **MakeMyTrip**   **Dec 2013 – May 2015**
- Designed and developed end-to-end Referral Application for MakeMyTrip
- Led the development of the User-Service API's responsible for user registration, login, franchise data addition, personal information, co-travelers etc.
- Worked on the development of Facebook Data Storage Project. MMT User's Facebook data was captured, curated, storage in Cassandra and searched to give real time personalized suggestion to users.

Software Engineer   **Mphasis (hewlett packard)**   **June 2011 - Dec 2013**
- Worked on the remediation of the Security Vulnerabilities like Phishing OWASP Checks, Cookie Vulnerabilities found in Symantec's CPLG and QG applications

EDUCATION

- Bachelor of Technology, IIT Roorkee, 2011 - CGPA: 6.75 /10
- ALL India Senior Secondary Certificate Examination, Punjab Board -72%
- All India Secondary School Examination, Punjab Board - 87%

TECHNICAL EXPERIENCE

Machine Learning (Udacity): Finding Donors for CharityML

Applied supervised learning techniques on data collected for the U.S. census to help CharityML to identify people most likely to donate to their cause. Applied a series of transformations and preprocessing techniques to manipulate the data and then evaluated several supervised learners to finalize one.

Machine Learning (Udacity): Creating Customer Segment

Applied unsupervised learning techniques on product spending data collected for customers of a wholesale distributor in Lisbon, Portugal to identify customer segments. Explored the data to see correlation among features. Afterwards, preprocessed the data by scaling each product category and then removed unwanted outliers. Applied PCA transformations and implemented clustering algorithms to segment the data

TOFROM – Travel Platform (2015-2016)

Started as one of the first Engineers to build ToFrom, an online travel portal which provides users a seamless experience in searching, booking and making online payments for flights and hotels internationally. **Built Chat** bot using NLP to find out the customer intent and hit the search query to show the relevant results to user's search query.

ROKITT ASTRA - Data Relationship Discovery

Involved in the development of ASTRA, an algorithmic solution that enables enterprises to discover more information about its data and data relationships. We used Machine learning algorithms (Logistic Regression, Naive Bayes and Random Forest etc.) to predict PK-FK relationships within a database.

ROKITT - Impact Analysis

Designed and developed impact analysis tool for Rokitt, which gives user the ability to track the changes in their databases (based on the daily metadata snapshot) on day-to-day basis, create a Watch-List and register himself/organization to track the changes in email/excel report. Developed an Email Framework by integrating the Amazon Simple Email Service(SES).

MAKEMYTRIP – Referral Application

Designed and developed end-to-end **Referral Application** for MakeMyTrip used by users to refer MMT to their friends on social networks through a unique share code.

SYMANTEC – Cenzic Remediation

Worked for the remediation of the Security Vulnerabilities; like Phishing OWASP Checks, Cookie

EXTRACURRICULAR ACTIVITIES

Entrepreneurship

Co-founded and ran successfully Zenith Classes, a coaching institute (for preparation of competitive IIT Exam) of strength 100 students, for IX – XII classes. **I taught Mathematics. (2009- 2010)**

Initiatives

Rave - Campus Cultural Festival - Member Core Team & Sponsorship head (2009). Was a member of the core team of 8 students that organized this cultural festival. The event had a budget of around Rs.1 Million. led a team of 40 students

Secretary of the institute Yoga club. (2009-2010)

Leadership

Sponsorship-Head of campus magazine Renaissance. (2007)

HOBBIES

Solving Rubik's Cube (speed cubing), Competitive Programming, Playing Chess, Yoga