

RAJAT GUPTA

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PROFILE SUMMARY

- Open Source Programmer and love open source projects
- Highly interested in Machine Learning and Data Science
- MOOC Certificates in Machine Learning, Data Science and Algorithms
- Good knowledge of C++, Python
- Worked on Data Analytics projects
- Participated on various online coding competitions on HackerEarth, Hackerrank
- Implemented Recommendation Engine, Anomaly Detection Systems
- Implemented Wikipedia Suggestions App in Scala using Rx Framework
- Strong programming skills in Data Structure with C++
- Microsoft Technology Associate certification in Database Administration
- Leadership and Teamwork skill represented through Team Lead of various projects
- Communication Skills represented through presenting videos and discussing the topics of various Technical things on my blog etc
- Having more than 15 MOOC describes the Organizational and Problem Solving skill
- Problem Setter and Tester for HackerEarth
- Experienced with DevOps for deployment of projects

LANGUAGES/SOFTWARES

- **Experienced:** C, C++, Python, Java, Spring
- **Proficient:** BASH, Ruby, R
- **Prior Experience:** Scala, Tryton
- **Database:** Oracle 10g, Postgresql, MySQL, SQL Server
- **Tools:** Eclipse, Code Block, Git, IntelliJ, Git LFS
- **DevOps:** Ansible, Docker, Vagrant

OPERATING SYSTEMS

- Windows XP/7/8
- Ubuntu, Debian, Opensuse, Linux Mint
- Mac OS X

AREA OF INTEREST

- Deep Learning
- Machine Learning
- Data Science

[6] FreeWheelers**Aug 2015 - Sep 2015**

Built the Online e-Commerce website which sells cycles and make the online payment and fully functional, transactional website

Tech Stack: Spring, MyBatis, Gradle, Postgresql, Jasmine

[7] Biblioteca**July 2015 - Aug 2015**

Built the Library Management System to manage the books, movies present in the library and manage different roles in the library.

Tech Stack: Java, Gradle, Ant

[8] COOL Compiler**Apr 2014 - Mar 2015**

Built the compiler for the Classroom Object Oriented Language(COOL) for my final year project during my graduation

Tech Stack: C++, Assembly, Bison, COOL, C

[9] Games Development**Oct 2013 - Dec 2013**

Built the desktop games such as Ping Pong, Rice Rocks and many more which can run on the desktop and some for the browser.

Tech Stack: Python, Java

[10] Wikipedia Suggestions Application**Dec 2013**

This application is built on Scala 2.10 and used the Rx Framework of Scala. In this app user can give input into the search box and get the result from Wikipedia.

Tech Stack: Scala

[11] ModC Sort Algorithms**Oct 2012**

It is the modified form of Count Sort Algorithm. In Count Sort two additional buffers are take and there must be a range of values presented but in this algorithm these drawbacks are removed and it reduces the extra use of memory.

MINI PROJECTS

SNo.	Project Name	Tech Stack
1	User Information Portal	Flask, Postgres
3	Quiz Master	Flask, Postgres
4	Test Case Generator	Python
5	My Bot	Flask, Postgres

CERTIFICATIONS

SNo.	Certificate Name	Grade	Provider
1	Algorithms : Design and Analysis Part 1	75%	Coursera
2	Algorithms : Design and Analysis Part 2	78%	Coursera
3	Functional Programming Principles in Scala	86.6%	Coursera
4	Principles of Reactive Programming	97.1%	Coursera
5	Computer Networks	91.3%	Coursera
6	Machine Learning	98%	Coursera
7	Data Scientist Toolbox	100%	Coursera
8	Compilers	100%	Coursera
9	Data Structures & Algorithms	NA	NIIT
10	Introduction to Computing in JAVA	70%	edX
11	MTA: Database Administration	82%	Microsoft
12	Programming for Everybody	100%	Coursera
13	The HW/SW Interface	88.1%	Coursera
14	Pattern Oriented Software Architecture	90%	Coursera
15	Concepts in Game Development	100%	Open2Study

EDUCATION

Bachelor of Technology IMS Engineering College 2011 - 2015

My field of Study is Computer Science & Engineering and major subjects are Data Structures, Databases, Algorithms, Computer Graphics, and Object Oriented Techniques using UML, Operating System, Compiler Design, Computer Networks, Software Engineering, and Web Technology. I had also attended VAP lectures at IMS Engineering College. I scored 80% in the course.

Intermediate Alma Mater Sr. Sec. School 2009 - 2010

Completed with overall 76% marks. Major subjects were Physics, Chemistry, Mathematics and Computer Science. I learnt SQL which raise my interest in Databases. I also learnt basic fundamental of C++ during my Intermediate which motivates me for the Coding and Development.

High School SSMV 2007 - 2008

Completed with overall 76% marks. Major subjects were Physics, Chemistry, Mathematics and Computer Science. I learnt SQL which raise my interest in Databases. I also learnt basic fundamental of C++ during my Intermediate which motivates me for the Coding and Development.

HONORS & AWARDS

- Runner Up of the RTFEM – 2012 on presenting the technical paper on proposing of modC Sorting Algorithm.
- Winner of Project Presentation in 2014 on presenting the project of the COOL Compiler.
- Winner of various art competitions at school and state level.
- Attended the International Conference on Advances in Computer Engineering and Applications held in IMS Engineering College.
- Attended Java Virtual Day 2014 organized by Oracle Corporation
- Attended Workshop on Android by NIIT Pvt. and CMC Ltd.
- Ranked #155 in Code Cyphers 2.0 on HackerEarth
- Ranked #165 in August Easy Challenge on HackerEarth
- Attended webinar on Why Relying on MySQL Enterprise Edition? Organized by Oracle Corporation
- Ranked #588 in Ad Infinitum – Math Programming Contest September'14 on Hackerrank
- Ranked #125 in Code Cyphers 4.0 on HackerEarth
- Certificate of Merit from Naukri.com in Aptitude Test
- HackerEarth Campus Ambassador for year 2015
- Ranked #01 of Infinity#01 on HackerEarth
- Ranked #40 on Druva Development Engineer Challenge on HackerEarth