Gaurav Kulkarni

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EDUCATION

Degree	Year	Institution/Board	CPI/%
B.Tech (CSE)	2015-2019*	The LNM Institute of Information Technology, Jaipur	7.18/10
XII	2015	Delhi Public School, Bhilai (CBSE)	92%
X	2013	Delhi Public School, Bhilai (CBSE)	10/10

*expected

WORK EXPERIENCE

Curieo - Software Development Intern **March '17 - Present**
Leading the development of Programming module for Curieo's Educational platform. The module aims at creating a student friendly platform for a better learning experience relevant to programming courses.

PROJECTS (WEB DEVELOPMENT)

Public Blog (RESTful) (Github) (Live Project)
Public blogging website for personal use. Provides all the functionality of a blog for both, the blogger as well as the reader including creation, deletion and updation of posts, searching by keyword and also its use as an API (RESTful)
Technologies used :

- Backend : Python, Django, Django REST Framework
- Database : PostgreSQL
- Frontend : HTML, CSS, Bootstrap

MicroBlog - Private diary (Github) (Live Project)
MicroBlog provides a platform for maintaining a private diary/journal. The user can register/login to create entries in the diary and the entries of that specific user are the only ones he has access to.
Technologies used :

- Backend : Python, Flask
- Database : MySQL
- Frontend : HTML, CSS, Bootstrap

MVP Landing (Github)
Basic design for the landing page of a Minimum Viable Product (MVP) including features Login, Signup, Subscriptions, Email verifications etc.
Technologies used :

- Backend : Python, Django, Django Registration Redux
- Database : SQLite3
- Frontend : HTML, CSS, Bootstrap

PROJECTS (ACADEMIC)

Two-pass Assembler and Binary Instruction Decoder (Github)
Designed a Two-pass Assembler and a binary instruction decoder for the functionalities of an airport baggage conveyor belt. The assembler has a menu driven user friendly interface for converting Assembly code to binary. The decoder has been designed in a way to perform the decoded function along with decoding the instruction and showing the changes in memory after execution of every instruction.
Technologies used :

- C

Input data validation (Github)
Created a library of functions for input data validation. It includes validation of name, phone number, institute roll number, etc.
Technologies used :

- C

Graphical comparison of Sorting Algorithms (Github)
Compared different sorting algorithms on the basis of time and steps required by an algorithm to sort a randomly generated data set. Algorithms taken under observation : Bubble sort, Merge sort, Selection sort, Quick sort and Insertion sort.
Technologies used :

- C, Shell script for data set generation and time and steps observation.
- LaTeX, Beamer for report generation and presentation.
- GNU Plot for plotting of observed statistical data.

More projects on Github account.

TECHNICAL SKILLS

Languages: Python, C, C++, Java
Web Development(Backend): Django, Flask, Django REST Framework
Web Development(Frontend): HTML, CSS, Bootstrap
Databases: MySQL, PostgreSQL, SQLite
Scripting: Shell
Others: Command Line
Platforms: Linux

COURSES COMPLETED

Computer Science and Engineering
Computer Programming, Discrete Mathematical Structures, IT Workshop, Data Structures and Algorithms, Digital Circuits and Systems

ACHIEVEMENTS

Secured 1^{st} position in district level Programming Contest.
Secured 1^{st} position in school level Programming Contest.

POSITIONS OF RESPONSIBILITY

Teaching Assistant (TA) for Computer Programming course.	June '16 - Dec '16
Active core-member(Web development div.) of Computer club.	July '16 - Present
Organizing team member of LNMHacks (hackathon).	July '16 - Present
Active member of Literary Club.	July '15 - Present

Last updated: March 23, 2017