

Gaurav Suman

BE- Computer Science 4th Year
Birla Institute of Technology, Mesra
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Objective

Seeking an opportunity to be a part of an organization that will recognize and utilize my skills fully and offer me a position requiring innovative and creative ideas with a base of Computer Science, where continuous growth and learning can be optimized for the better development and growth of institution, myself and society, at large. Coding and development are my field of interest and can be utilized for benefit of organization.

Skills

<i>Skills</i>	<i>Description</i>
Language	C, C++, Java (Basic), Python (Basic)
RDBMS	MySQL, MSSQL
Operating System	OS Concepts and Windows
Others	Data Structure, Algorithm, DBMS concepts, OOP

Experience

Samsung Research Institute, Noida – *Software Engineering Intern*
JAN 2018 – PRESENT (5 months Internship Program)

- Currently working as Software Engineering Intern on IOT Based Project.

Academic Projects

FEB2016

An online quiz web application

- Developed a website platform for conducting online MCQ Quiz in which has three interfaces: Admin, Teacher and Student.
Admin has all the exclusive rights to add/delete teachers and students. Authorized teachers by the admin has rights to create new tests and add the students who can take up the MCQ test.
Students can attend the tests by entering their valid login credentials.
The responses entered are recorded, displayed to students and stored in database for teachers to view.
Technology Used: **Django(Framework), Python, SQLite**

MAY2017

Design of Spam filter using Machine Learning and Text Classification

- The project is designed to distinguish spam and ham emails from a corpus. The classifier is trained with the help of enron dataset containing 3571 ham and 1500 spam emails. Natural Language Processing is used for text tokenization and conversion of document into document matrix along with TF-IDF as a factor for important information retrieval. Naïve Bayes classifier is used for classification of new email with an accuracy of 87%.
Technology Used: **Python, Natural Language Processing, Machine Learning**

NOV2017

Image Management API

- This is a Django based RESTful service that can be used to store, update, retrieve and delete images. The image will be stored on the file-system where this service lives.
Technology Used: **Django(Framework), Python, REST-API**

DEC2016

A tool for performing basic operations on PDF files

- Developed a tool which can provide information about PDF files such as pages, author, layout, encryption etc., merge pdf documents, bookmark pages, rotate, overlay, extract pages and generate new document, watermark pages etc.
Technology Used: **Python**

Education

1. BE – Computer Science (8th sem)

BIT Mesra, Ranchi Jharkhand

Currently Pursuing BE-Computer Science from BIT MESRA with CGPA of 7.86

2. 12th

BS College Lohardaga Jharkhand

Secured 78.8% marks in the 12th Board Exams

3. 10th

DAV Public School Lohardaga Jharkhand

Secured 10 CGPA in the 10th Board Exams

Achievements and Awards

- Topped the Class 10th Board (AISSE) exam in the Lohardaga City. School topper in Class 10th.
- Secured 2nd Position in City in 12th Board Exam – Jharkhand Academic Council.
- Qualified JEE-Mains 2014 and secured a rank of 13533 (More than 14 lakhs appeared).

Coding / Technical Activities

- Qualified till the Elimination round in **Snackdown** Event in the year 2017 and 2016. (Handle- ninja_blade)
- O(logn) rating in hackerrank. (Handle- gauravsuman8)
- Solved 150+ problems on **SPOJ**. (Handle- gauravsuman8)
- Participated in various coding competitions at **CodeChef** and **Codeforces**. (CodeChef Handle – grvsmn, Codeforces Handle- gauravsuman8).
- Qualified till round 1 of Facebook Hacker Cup
- Secured rank 692 in ACM-ICPC Qualifier Round 2017. (Handle- THREE_IDIOTS)

Extra-Curricular Activities

- Participated in inter school cricket tournament.
- First Position in Group Maths Quiz held in school.
- Participated in poker tournament in Bitotsav, the annual cultural fest of BIT Mesra.

Declaration:

I enjoy challenges and work hard to attain my goals in any part of world.

I hereby solemnly declare that all the above information is correct to best of my knowledge and faith.

Date: 30th January, 2018

Gaurav Suman