

# Abhishek Gorisaria

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## EXPERIENCE

### ALIEN BRAINS | SOFTWARE DEVELOPER

Dec 2018 - July 2019 | Kolkata, India

- Developed, tested and maintained applications build on technology stack of Ruby on Rails.

### COGNIZANT TECHNOLOGY SOLUTIONS | PROGRAMMER ANALYST

Aug 2017 - Nov 2018 | Kolkata, India

- Implemented a competency resource management system using java, jsp & servlet for internal hiring of employees.
- Monitoring user-behaviour for breaking companies security policies and dividing them into categories using Information Security tool Data Loss Prevention.

## PROJECTS

### WIKI SEARCH ENGINE | PYTHON, SAX PARSER

Created a complete search engine by creating an Inverted Index on the Wikipedia Corpus ( of 2020 with size 42 GB), that gives you top search result related to given query words.

### AN IOT PLATFORM | PYTHON, MICROSERVICES, DOCKER, KAFKA

Implemented an IoT Platform where IoT based application can be hosted, monitored by user, key components includes LoadBalancer, Deployer, Scheduler, ActionManager, SensorManager

### GDRIVEFS | PYTHON, FUSE

Developed user-space python application that links against fusepy and maps the appropriate kernel calls to HTTP requests to Google Drive REST API and vice-versa

### INFORMATION BOTTLENECK THEORY ON DEEP LEARNING | RESEARCH PAPER

Implemented research paper which dis-approves information theory claims on deep learning through simulation.

### BARE NECESSITIES | JAVA, FIREBASE

Implemented location based service for finding daily essentials in your nearby area during covid-19 pandemic situation where finding daily needs are quite tough.

### MACHINE LEARNING ALGORITHMS | PYTHON, NUMPY, PANDAS

Implemented machine learning algorithm like SVM, PCA, KNN, K-Means Clustering, Linear Regression, Logistic Regression using only numpy and pandas.

### PEER TO PEER FILE SHARING SYSTEM | C++

Built a group based file sharing system with fallback synchronized multi-tracker system and parallel downloading along with log-in & log-out feature.

## EDUCATION

### IIIT HYDERABAD

MTECH IN COMPUTER SCIENCE

Present | Hyderabad, India

GPA: 8.27 / 10.0

### IEM, WBUT

BTECH IN COMPUTER SCIENCE

Aug 2017 | Kolkata, India

GPA: 8.83 / 10.0

### SHREE JAIN VIDYALAYA

10+2: 81% | 2013 | WBCHSE

10: 86% | 2011 | WBBSE

## COURSEWORK

Data Structure and Algorithm

Internals of Application Server

Operating System

Database Management System

Machine Learning + SMAI

Distributed Systems

Mathematics for Deep Learning

Information Retrieval & Extraction

## SKILLS

### PROGRAMMING

Major Languages:

Java

C/C++

Python

Ruby on Rails

Familiar With:

Javascript, Firebase

Sklearn, Keras, OpenCV

## ACHIEVEMENTS

Secured **20th Rank** in ACM Overnite Programming Competition at IIT Kgp

Secured **98.6%ile** in GATE

Secured **99%ile** in PGEE

## LINKS

LinkedIn:// [abhishek0508](#)

GitHub:// [abhishek0508](#)

Portfolio:// [abhishek0508](#)

Codechef:// [abhishek0508](#)

Codeforces:// [abhishek0508](#)

Leetcode:// [abhishek0508](#)