

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

BARE NECESSITIES | JAVA, S2-LIBRARY, FIREBASE

Implemented a solution for finding daily essentials in the corona pandemic situation where finding daily needs are quite tough.

WIKI SEARCH ENGINE | PYTHON, SAX PARSER, STEMMER

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.

GDRIVEFS | MOUNTING GOOGLE DRIVE AS A FILESYSTEM USING FUSE | PYTHON

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

PEER TO PEER FILE SHARING SYSTEM | C++, PTHREADS

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

SHELL | C++

Implemented linux shell with an extensive feature set similar to that of BASH. Required knowledge of signals, pipes, process handling and various other system calls.

SORTING FILES IN MAP-REDUCE FRAMEWORK | HADOOP, MAP-REDUCE

Implemented algorithm to sort large text files in lexicographical manner in pseudo-distributed manner using map-reduce programming framework.

BODY SHAMING CLASSIFICATION | PYTHON, MACHINE LEARNING

Implemented semi-supervised machine learning algorithm to create model to classify Instagram posts as whether they're body-shaming posts or not.

EDUCATION

IIIT HYDERABAD

MTECH IN COMPUTER SCIENCE

Present | Hyderabad, India

GPA: 8.17 / 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

Object Oriented Programming

Operating System

Database Management System

Machine Learning + SMAI

Distributed Systems

Software Engineering

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](#)