

## RESUME

### **ANUPOM CHAKRABARTY**

M.Tech in Information Technology (2016-2018)

Department of Information Technology, Gauhati University

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**DOB:** 11<sup>th</sup> September 1993

### **ACADEMIC PROJECTS**

#### **M.Tech Thesis (August, 2017- June, 2018)**

**Title:** Extended EditLog for Tracking File Move Operation in HDFS

**Tools used:** Hadoop

**Description:** A new journal file concept in HDFS has been presented to store the file move operation details of an INode. This journal file will be helpful for application developers to extract information from HDFS without putting any further burden on NameNode's performance.

(Source: [github.com/Anupom11/hadoop](https://github.com/Anupom11/hadoop))

#### **B.E. Project (August, 2014- June, 2015)**

**Title:** Routing in Delay Tolerant Network

**Tools used:** NS3

**Description:** We proposed a routing algorithm based on neighbor nodes connectivity. The aim is to minimize the use of buffer space and increases the connectivity of nodes in a delay tolerant network.

### **PUBLICATIONS**

#### **Journal Paper**

- Anupom Chakrabarty, Chandan Kalita, "Comparative study of GFS, HDFS and GlusterFS", International Journal of Computer Sciences and Engineering, Volume-6 , Issue-6 , Page no. 1080-1085, Jun-2018

### **TECHNICAL SKILLS**

**Programming Languages:** C, C++, Java, Python

**Web Programming:** HTML, PHP, JSP

**DataBase:** MYSQL, SQLite (for Android), SQL Server 2014

**App Development:** Android

### **OTHER PROJECTS**

- Developed basic **MIS file management system** for office use using **PHP** (Aug 2018- Sept 2018) (Source: [github.com/Anupom11/File-Handler](https://github.com/Anupom11/File-Handler))
- Developed **android app "DocScanner"** to manage documents (Nov 2017 – May 2018)
- Developed a web Crawler to extract information from **google play store websites** using **python language** (May 2018)

- Developed the **android app “Routine Manager”** for B.N. College, Dhubri (Aug 2015- Nov 2015) ([play.google.com/store/apps/details?id=com.groupme.routinemanager](https://play.google.com/store/apps/details?id=com.groupme.routinemanager))
- Co-Develop and maintain the website **gauripurtc.org** as backend **PHP** developer from June 2014 till present

## ACADEMIC DETAILS

Year	Degree/ Exam	Institute/ University	Percentage/ CGPA
2018	M.Tech. (IT)	Gauhati University	7.3/10
2015	B.E. (CSE)	Gauhati University	60%

## INDUSTRIAL TRAINING (June, 2014)

- Company Name :- Indian Oil Corporation Limited (Guwahati Refinery)
- Project Title :- NETWORKING INFRASTRUCTURE OF GUWAHATI REFINERY
- Duration: - 15 days.

## EXTRA CURRICULAR ACTIVITY

- Successfully configure **Hadoop cluster of 3 nodes** in our IT Dept. lab and also performed various experiments to test the cluster’s performance aspects (Oct 2017- May 2018).
- Attended workshop on “**Establishing Research Laboratory using C-DAC Lab kits in North East Region Educational Institutes**” organized by Dept of IT and ECE Gauhati University and C-DAC Bengaluru at Gauhati University in November, 2017.
- Attended workshop on “**Cisco Network Design & Implementation**” organized by ACES ACM-IIT Delhi and I-media Learning solution limited at GIMT, Azara in February, 2015.