

Md. Rajib Hossen

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EDUCATION

B.Sc. in Computer Science and Engineering, CGPA: 3.63/4.0

Khulna University of Engineering & Technology (KUET)

Some courses--data structures and algorithms, algorithm analysis, database systems, operating systems, computer networks, artificial intelligence, machine learning, data mining.

EMPLOYMENT

Software Engineer

September 2016 – Continue

IPvision Canada Inc

OpenStack Cloud

- Write python script for automation in cloud deployments, test and research
- Research and development of Storage systems (CEPH), OpenStack Cloud (Nova, Cinder, Sahara etc)
- Design, development, code for private cloud dashboard

Big Data Ecosystem

- Design, build, maintenance of big data infrastructure
- Analysis in Hadoop, Spark, Solr in hybrid cluster

Jr. Software Engineer

October 2015 – August 2016

Workspace Infotech Limited

- Mobile Application Development for Android.
- Design, development of Write Web Services for Mobile Applications and Web platform.
- Front End Development using Angular JS, JQuery.

RESEARCH EXPERIENCE – 1 Conference Paper, 1 under review (2)

- Md. Rajib Hossen, Rubayet Rahman Rongon, M.M.A. Hashem, “Sales data analysis using Hadoop and forecasting based on time-series ARIMA Model”, Submitted to EICT-2017, Bangladesh.
- An Approach to Demand Side Load Curtailment for the Future Intelligent and Smart Power Grid of Bangladesh, in the proc. Of international conference of electrical engineering and information technology, ICEEICT-2014

TECHNICAL SKILLS

- Python; R; Java; C++; C; JavaScript
- Hadoop; Spark; Cassandra; Solr; TICK
- Linux (Centos 7, Ubuntu), LaTeX, Git, bash

PROJECTS

- Ceph storage integration as a private cloud underlying storage. -OpenStack, Ceph
- Titanic passenger’s survival predictions-python, machine learning
- Ceph, distributed storage dashboard for monitoring and administrating-Django framework
- Private owncloud (file sharing) sync client in bash script and python
- Import photos from user’s social media and customize photos with stickers, text etc. for printing- Laravel framework
- Localization Improvement with people's participation. --Android App
- Detecting Affected Area in Crops Leaf to Predict Disease and Suggesting Remedy. —Java
- Regular contribution in opensource projects in GitHub.

ACHIEVEMENTS AND AWARDS

- Dean List for consecutive two years for outstanding academic result in KUET
- 2nd place at marathon app development contest in National Hackation-2014. App topic-Sexual and Reproductive Health
- Champions in departmental programming content – 2013
- Vocational Scholarship from Khulna University of Engineering & Technology from 2009 to 2012.